



SAINT LOUIS
UNIVERSITY.

— EST. 1818 —

Bachelor of Science in Speech, Language and Hearing Sciences

Student Handbook

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INTRODUCTION

The Department of Speech, Language and Hearing Sciences at Saint Louis University was established in 1951 and offers a Bachelor of Science degree, which comprises two distinct professions: Speech-Language Pathology and Audiology, and a Master of Sciences in Speech-Language Pathology. The undergraduate program in Speech, Language and Hearing Sciences is located within the Doisy College of Health Sciences (DCHC). The program originally provided a Bachelor of Arts degree and was located in the College of Arts and Sciences, but was redesigned in 2018.

The Department of Speech, Language and Hearing Sciences program at Saint Louis University has prepared this handbook to assist undergraduate students in their professional education for the Bachelor of Science degree. The handbook provides the department's policies, procedures, requirements and conditions that must be met in order to satisfactorily complete the Bachelor of Science degree in Speech, Language and Hearing Sciences. It includes information only about special program policies and procedures and is meant to be used as a supplement to the Saint Louis University Student Handbook (<https://www.slu.edu/life-at-slu/community-standards/student-handbook.php>).

Each student is encouraged to become familiar with the contents of this handbook and to use it as a reference throughout your education in the undergraduate program in Speech, Language and Hearing Sciences. You will be held responsible for adhering to the contents of this handbook. If there are points that are unclear, please obtain clarification from the Department Chair, Undergraduate Program Director, or your assigned Academic Advisor.

The information presented in this handbook is subject to change from time to time in the rare event of unanticipated circumstances or as University, Departmental, ASHA, and College policies are updated. The program reserves the right to depart without notice from any policy or procedure referred to in this handbook. If and when such changes occur, every effort will be made to keep students advised of any changes. This handbook is not intended to and should not be regarded as a contract between the program and any student or other person.

Program Overview

The field of Speech, Language and Hearing Sciences (SLHS) is comprised of two distinct professions: speech-language pathology and audiology. These professions are concerned with human communication and its disorders. A desire for a career in service is a primary motivation for students who study SLHS.

Speech-language pathologists help prevent, identify, assess, and provide treatment for communication and swallowing disorders - to improve outcomes and quality of life for the client and their families. This includes language development, acquired language disorders, stuttering, and voice and articulation disorders. Disorder related to literacy also have become an area of focus for speech-language pathologists. Speech-language pathologists provide services to children and adults in a variety of settings including schools, hospitals, rehabilitation agencies, nursing home, private practice, and private clinics.

Audiologists help prevent, identify, assess, and treat hearing disorders. They evaluate hearing, prescribe and dispense hearing aids, program cochlear implants, assess balance, assess and provide intervention for auditory processing to improve outcomes and quality of life for clients and their families. Audiologists are involved in hearing conservation (particularly in industry) as well as monitoring nerve function during surgery. Audiologists work in a variety of settings including physician offices, hospitals, rehabilitation agencies, nursing homes, private practice, and schools.

Mission Statements

Saint Louis University Mission Statement

The Mission of Saint Louis University the pursuit of **truth** for the greater glory of God and for the service of humanity. The University seeks **excellence** in the fulfillment of its corporate purposes of teaching, research, health care and service to the community.

Doisy College of Health Sciences Mission Statement

Rooted in Jesuit ideals, the Doisy College of Health Sciences serves humanity through research, education and engagement.

Department of Speech, Language and Hearing Sciences Mission Statement

Reflective of the mission of Saint Louis University, the Department of Speech, Language and Hearing Sciences is dedicated to the development of the whole person consistent with the University's five interrelated dimensions: scholarship and knowledge, intellectual inquiry and communication, community building, leadership and service, and spirituality and values. The Department educates individuals to be reflective and socially responsible leaders in the continuous pursuit of truth and knowledge for service to and for humanity. The Department is guided by a commitment to diversity and social justice through a spirit of cooperation and mutual respect to advance knowledge and expertise in human communication and its disorders.

The Department of Speech, Language and Hearing Sciences educates both undergraduate and graduate students by:

- Providing an evidence-based education through teaching, mentoring, research, and experiential learning
- Developing oral and written communication skills to demonstrate critical thinking and problem-solving necessary for new situations and life-long learning
- Promoting an atmosphere of mutual respect for others through the recognition of the value of diversity in social, academic, and community experiences
- Encouraging a spirit of social justice as an underlying tenet of our service-oriented discipline
- Encouraging informed and ethical decision-making in personal, social and academic situations.

DEPARTMENT INFORMATION

<u>Faculty Members</u>	<u>Rank/Title</u>	<u>Terminal Degree</u>
Travis Threats, Ph.D.	Professor/Department Chair	Northwestern University
Angela Adrian, M.A.	Clinical Instructor/SLP Clinic Coordinator	Saint Louis University
Mitzi Brammer, Ph.D.	Associate Professor/Graduate Program Director	University of Missouri-St. Louis
Emily Buxbaum, M.S.	Director of Clinical Education	Fontbonne University
Yi-Fang Chiu, Ph.D.	Associate Professor	Indiana University
Maureen Fischer, M.S.	Clinical Instructor/ Audiologist Coordinator	Washington University
Rebecca Frisella, M.S.	Clinical Instructor/Director of Early Childhood Language/Literacy Center	Fontbonne University
Julia J. Hoffmann, M.A.	Asst. Clinical Professor	Truman State University
Chris Loveless, M.S.	Asst. Clinical Professor	Fontbonne University
Robin Murphy, M.S.	Asst. Clinical Professor	Southern Illinois University – Carbondale

Whitney Postman, Ph.D.	Associate Professor	Cornell University
Elizabeth Roepke, Ph.D.	Assistant Professor	Purdue University
Sara Steele, Ph.D.	Associate Professor	University of Illinois – Urbana-Champaign
Saneta Thurmon, M.A.	Associate Professor /Director of Undergraduate Program	University of Tennessee-Knoxville
Andrea Vaughn, M.S.	Asst. Clinical Professor	Southern Illinois University – Carbondale
Christine Rose, M.S.	Asst. Clinical Professor	Southern Illinois University- Edwardsville

Full-Time Staff

Kellie Dalton	Administrative Assistant-Clinical Education
Cheryl Follmer	Administrative Assistant/Assistant to Chair and Program Directors

Learning Outcomes

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

PROGRAM REQUIREMENTS

This program is designed to prepare students for future education at the Masters and Doctoral levels, specifically in Speech-Language Pathology and Audiology. It's intent is to provide an

academic foundation for a future career in these fields and to leave students with the knowledge that continuing education is a lifelong process.

Admission

Students seeking enrollment into the Speech, Language and Hearing Sciences program must be approaching graduation from an accredited high school, be a graduate of an accredited high school, or have an acceptable score on the General Education Development (GED) test and have at least a 2.5 GPA.

Incoming Freshmen

All applications are thoroughly and carefully reviewed. There are two tracks available “standard and scholars”. See details on page 15. Solid academic performance in college preparatory work is a primary criterion in reviewing a freshman applicant’s file. College admission test scores (ACT or SAT) are used as an additional indicator of the student’s ability to meet the University’s academic requirements and to qualify students for certain University scholarship programs. To be considered for admission to any Saint Louis University undergraduate program, the applicant must be approaching graduation from an accredited high school or have an acceptable score on the GED.

Transfer Students

Outside of Saint Louis University: Applicants must be a graduate of an accredited high school or have an acceptable score on the GED and a minimum 2.5 GPA. An official high school transcript and official test scores are required only for students who have attempted fewer than 24 transferable semester hours (or 30 quarter hours) of college credit. Those having completed 24 hours or more of college credits must only submit a transcript from previously attended college(s). Transfer students are not eligible for the scholars program. In reviewing a transfer applicant’s file, the office of admission holistically examines the student’s academic performance in college-level coursework as an indicator of the student’s ability to meet the academic rigors of Saint Louis University.

Within Saint Louis University: Applicants must already be attending Saint Louis University with a minimum of a 2.5 GPA to apply for the SLHS Standard track. Students who are interested in switching to this program must meet with the Speech, Language and Hearing Sciences program director, where they will receive a Major Application Change Form. Major Transfer students are not eligible for the scholars program. Students must complete the form and submit it to the Doisy College of Health Sciences Dean’s Office located in Suite 3113. The Dean’s Office will enter this information onto a google tracking log and send an email as confirmation that the form was received. The Dean’s Office will then distribute the forms to the Speech, Language and

Hearing Sciences Department for final acceptance decisions on or about December 15 and May 15 each academic year. The department will then communicate final acceptance decisions to students on or about January 5 and June 1 of each academic year.

Registration

Students will register using **myslu.slu.edu** and **Banner Self-Service**. Undergraduate students register on specific days according to their status. To determine the date of your registration, view <http://www.slu.edu/registrar/register/registration-dates.php>. Before this date, take time to establish your schedule by locating the Course Reference Number (CRN) for each course/section in advance to ensure quick and smooth registration. CRNs can be found in the ‘Look Up Classes’ section in Banner Self-Service. On your assigned registration date, register for classes by logging in to your **mySLU** account. Click on the **Students** tab, **Add or Drop Classes**, select the appropriate term, and click **Submit**. Enter your CRNs into the boxes and click **Submit Changes**. If you need to locate a CRN, use the grey **Class Search** button. After submitting the changes, the status of your schedule will be listed. If there is an error of any sort, refer to <http://www.slu.edu/registrar/register/common-codes-and-errors.php>. This completes the registration process. To view your new schedule, go to the **Add or Drop Classes** page at the bottom and click on **View Student Schedule**.

Academic Policies

STANDARD GPA PROGRESSION REQUIREMENTS

Class Standing	GPA Requirement
Freshmen	2.5 CUM
Sophomores	2.5 CUM
Juniors	2.75 CUM
Seniors	2.9 CUM
For graduation	3.0 CUM

Additionally, all Speech, Language and Hearing Sciences courses must be completed with a grade of a “C” or higher in order to count for the major. Probation letters will be sent to students who do not meet these standards.

SCHOLARS PROGRAM GPA PROGRESSION REQUIREMENTS

Class Standing	GPA Requirement
Freshmen	3.5 CUM
Sophomores	3.5 CUM
Juniors	3.5 CUM
Seniors	3.5 CUM
For graduation	3.5 CUM

Additionally, all Speech, Language and Hearing Sciences courses must be completed with a grade of a “B” or higher in order to count for the major. If a Scholars student should fail to meet any of the progression requirements, they will automatically be dismissed from the Scholars program and be placed in the traditional SLHS program

Grading Policy

This is the grading scale that will be used in all SLHS courses to measure students' academic achievements. This grading scale is a standard grading scale that many other program departments in Doisy College of Health Sciences also use for consistency in grading expectations.

Grade	Points		
A	4.0	C+	2.3
A-	3.7	C	2.0
B+	3.3	C-	1.7
B	3.0	D	1.0
B-	2.7	F	0.0

Grading Scale

Effective January 2020

A = 93-100%	C+ = 77-79%
A- = 90-92%	C = 72-76%
B+ = 87-89%	C- = 70-71%
B = 83-86%	D = 60-69%
B- = 80-82%	F = BELOW 60%

Probation Policy

The Speech, Language and Hearing Sciences program will identify students who need academic probation letters. Upon receiving and signing, an electronic copy will be sent to the Associate Dean for Student and Academic Affairs, who will then work with the Doisy College of Health Sciences Academic Advising and the Student Success Center to track the student's progress. The Associate Dean will also work with the Registrar's Office to ensure proper academic standing on Banner Codes are in place on the student's records. Tracking information regarding the student's follow-through will be shared with the Speech, Language and Hearing Sciences department chairs.

Dismissal Policy for Standard Track

Students will be dismissed from the SLHS major, if they are on probation for three semesters.

If dismissal occurs, you will receive an email detailing the next steps. The steps are as follows:

Schedule an appointment to meet with your current Doisy College of Health Sciences advisor. When directed, make an appointment with a Career Development Specialist. Once a plan of action is in place for your success and progression at Saint Louis University, you will be cleared to register for classes for the following semester. Until you determine a new program of study, you will be coded in Banner as a “Doisy Undeclared Student.” With such code, you are *not* eligible to earn a degree at SLU. This designation acts as a placeholder until you are accepted into a program of study. To remain as a Doisy Undeclared Student, you must maintain a cumulative GPA of 2.0 or greater and you *cannot* take classes limited to *majors only* in the Doisy College of Health Sciences.

Dismissal Policy for Scholars Program

Students will be dismissed from the Scholars Program if they fail to meet any of the progression requirements and will automatically be placed in the standard track SLHS program.

Repeating Courses

Only the most recent courses will be included in your grade point average and the older courses will be excluded. Excluded courses will not be included in the accumulated earned credit hour totals, not awarded quality points, and not apply toward graduation requirements. Students may not repeat a graded course with a Pass/No Pass grade. Students also may not repeat Special Topics, Independent Internships, Clinical Learning Experiences, and those not repeatable for credit. **Beginning Fall 2019, courses may only be taken twice (e.g. taken once and then retaken once).**

Standard Track for SLHS

The Speech, Language and Hearing Sciences standard track program offers students the opportunity to become Speech-Language Pathologists or Audiologists. Speech-Language Pathologists work to prevent, identify, assess and provide treatment for communication and swallowing disorders. Audiologists work to prevent, identify, assess and treat hearing disorders. A degree in Speech, Language and Hearing Sciences can also act as preparation for other professional degrees such as medicine, special education or public health. In order to work as a professional in the field, students must attend graduate school.

Graduation Requirements for Standard Track

To graduate with a B.S. in Speech, Language and Hearing Sciences, you must adhere to the following requirements: 25 observation hours, 38 SLHS credits in major courses and 33 core courses, Senior Capstone project, a 3.0 cumulative GPA, a “C” or better in all SLHS major courses, and 120 total course credit hours.

Course Requirements

Area	Credit Hours
Core Curriculum	33
SLHS Major Courses	38
Electives or Minor Courses	49 to achieve 120 credits total

Department Core (33 credit hours)

- COMM 1200 or THR 2540: Public Speaking or Voice and Diction
- PHIL 1XXX
- THEO 1XXX
- HCE 2010: Foundation in Ethics or PHIL 3360 Medical Ethics or PHIL 2060
- ENGL 1900: Advanced Strategies of Rhetoric and Research
- PSY 1010: General Psychology **
- BIOL 1240 or 1260 **
- PHYS 1050 or CHEM **
- STAT 1100 or MATH 1300 **
- Modern Foreign Language
- Fine Arts Elective

** Indicates courses that are not only mandatory for graduation with a B.S. in Speech, Language and Hearing Sciences, but required per ASHA standards for undergraduate education. These courses are built into the program's requirements.

Major (38 credit hours)

- SLHS 2000: Phonetics
- SLHS 2200: Anatomy & Physiology of the Speech Mechanism
- SLHS 2400: Foundations of Language
- SLHS 3000: Cultural-Linguistic Diversity
- SLHS 3200: Speech Science
- SLHS 3400: Hearing Science
- SLHS 3700: Speech and Language Development
- SLHS 4150: Survey of Speech and Language Disorders
- SLHS 4200: Audiology: Basic Audiometry
- SLHS 4300: Clinical Methods
- SLHS 4350: Professional Writing and Documentation for SLP & AuD
- SLHS 4400: Aural Rehabilitation
- SLHS 4500: Neurological Basis of Communication
- SLHS 4800: Senior (Research) Seminar

SCHOLARS PROGRAM

The Speech, Language and Hearing Sciences Scholars Program is an exclusive opportunity for Saint Louis University freshmen to be guaranteed a position in the Speech, Language and Hearing Sciences Master Program upon graduation. The Scholars program requires 41 credits of Speech, Language and Hearing Sciences coursework along with the required credits of Doisy College of Health Sciences core curriculum.

Application Requirements

Applicants must complete the Scholar's Program application within SLU's general application. Applicants must have a minimum of a 3.75 GPA and 28 composite ACT or 1300 SAT score or higher (not for 2020-2023 admissions). Applicants will additionally provide a personal statement answering the question, "Why do you want to be a Speech-Language Pathologist?" and provide two letters of recommendation emphasizing the students' academic excellence and leadership.

Program Requirements

To continue as a SLHS Scholar, students must maintain a 3.5 cumulative GPA through completion of their SLHS B.S. degree, obtain a "B" or higher in all SLHS courses, enroll in SLHS 4600 or 4600 as an advanced course senior year, enroll in SLHS 4700 during Spring of senior year, and obtain at least 15 clinical clock hours and 25 observation hours. Students will be dismissed from the Scholars Program if they receive below a 3.5 GPA for any term and begin the SLHS Standard track.

Scholars Program Progression

- Maintain a 3.5 Cumulative GPA through completion of their bachelor's degree
- Obtain a "B" or higher in all SLHS courses
- Enroll in SLHS 4600 or 4900 as advanced course senior year
- Enroll in SLHS 4700 Senior Clinic during Spring of senior year
- Obtain at least 15 clinical clock hours and 25 observation hours
- If a Scholars student should fail to meet any of the progression requirements, they will automatically be dismissed from the Scholars program and be placed in the traditional SLHS program.

Graduation Requirements for Scholars Program

To graduate with a B.S. in Speech, Language and Hearing Sciences, you must adhere to the following requirements: 25 observation hours, 15 clinical clock hours, 41 SLHS credits in major courses and 33 core courses, Senior Capstone project, a 3.5 cumulative GPA, a "B" or better in all SLHS major courses, and 120 total course credit hours.

Course Requirements

Area	Credit Hours
Core Curriculum	33
SLHS Major Courses	41
Electives or Minor Courses	46 to achieve 120 credits total

Department Core (33 credit hours)

- COMM 1200 or THR 2540: Public Speaking or Voice and Diction
- PHIL 1XXX
- THEO 1XXX
- HCE 2010: Foundation in Ethics or PHIL 3360 Medical Ethics or PHIL 2060
- ENGL 1900: Advanced Strategies of Rhetoric and Research
- PSY 1010: General Psychology **
- BIOL 1240 or 1260 **
- PHYS 1050 or CHEM **
- STAT 1100 or MATH 1300 **

- Modern Foreign Language
- Fine Arts Elective

** Indicates courses that are not only mandatory for graduation with a B.S. in Speech, Language and Hearing Sciences, but required per ASHA standards for undergraduate education. These courses are built into the program's requirements.

Major (41 credit hours)

- SLHS 2000: Phonetics
- SLHS 2200: Anatomy & Physiology of the Speech Mechanism
- SLHS 2400: Foundations of Language
- SLHS 3000: Cultural-Linguistic Diversity
- SLHS 3200: Speech Science
- SLHS 3400: Hearing Science
- SLHS 3700: Speech and Language Development
- SLHS 4150: Survey of Speech and Language Disorders
- SLHS 4200: Audiology: Basic Audiometry
- SLHS 4300: Clinical Methods
- SLHS 4350: Professional Writing & Documentation for SLP & AuD
- SLHS 4400: Aural Rehabilitation
- SLHS 4500: Neurological Basis of Communication
- SLHS 4700: Senior Clinic
- SLHS 4800: Senior (Research) Seminar
- SLHS 4600: Advanced Audiology OR SLHS 4900: Speech Sound Disorders

Minor in SLHS (17 credit hours)

The minor is helpful to students interested in a healthcare or educational setting, including those majoring in physical therapy, occupational therapy, education and special-education. Having a strong foundation in SLHS will benefit professionals seeking to work on an interdisciplinary team, such as in a health care or educational setting. Students minoring in SLHS not only learn the roles of SLPs and Audiologists, but learn the complexities of speech and language. Students must have a minimum of a 2.5u GPA to join the minor and must maintain a 2.5 GPA to complete the minor.

Required Courses for Minor

- SLHS 1000: Intro to Communication Sciences & Disorders
 - SLHS 2000: Phonetics
 - SLHS 2400: Foundations of Language
 - SLHS 3900: Speech and Language Development
 - SLHS 4200: Audiology: Basic Audiometry
- And one of the following:
- SLHS 4150: Survey of Speech and Language Disorders
 - SLHS 4500: Neurological Basis of Communication
 - SLHS 4400: Aural Rehabilitation

HONORS COURSES

Enrollment in dual-listed sections is limited to five students. The following courses can be completed for dual-listing in the Speech, Language and Hearing Sciences program:

- SLHS 3700: Speech and Language Development
- SLHS 4150: Survey of Speech and Language Disorders
- SLHS 4200: Audiology: Basic Audiometry
- SLHS 4650: Counseling
- SLHS 4800: Senior (Research) Seminar

LEVELING OPTION

The leveling option for Speech, Language and Hearing Sciences is for students who are interested in pursuing a career in speech-language pathology or audiology and already have an undergraduate degree in another field of study.

The plan of study has been determined on the basis of the Undergraduate Curriculum at Saint Louis University. Therefore, completion of the Leveling Program is dependent upon completion of each of these courses or their equivalent. Students interested in the Leveling Program apply for undergraduate admission to the University (as a transfer student) to complete the undergraduate prerequisite coursework for graduate study in Speech-Language Pathology or Audiology. A 3.3 GPA or permission from the Chair is required for admission to the Leveling Program. Completion of the Leveling Program does not guarantee admission to a graduate program. Students interested in this department's graduate program in Speech-Language Pathology must apply formally for admission by February 1, after completion of the full Fall semester of the Leveling Program.

The graduate program at Saint Louis University requires that all students complete an aural rehabilitation course. SLHS 4400 (Aural Rehabilitation) is offered in the fall semester. SLHS 4400 is not included in this plan of study due to necessary prerequisite courses needing to be completed. For students who complete the Leveling Program, SLHS 4400 is typically taken in the graduate program.

Students are encouraged to complete 25 hours of observation.

The required courses are as follows:

Fall

- SLHS 2000: Phonetics
- SLHS 2200: Anatomy & Physiology of the Speech Mechanism
- SLHS 3400: Hearing Science
- SLHS 3700: Speech and Language Development
- SLHS 4300: Clinical Methods
- SLHS 4350: Professional Writing & Documentation for SLP & AuD

Spring

- SLHS 2400: Foundations of Language
- SLHS 3200: Speech Science
- SLHS 4150: Survey of Speech and Language Disorders
- SLHS 4200: Audiology: Basic Audiometry
- SLHS 4500: Neurological Basis of Communication
- SLHS 4650: Counseling

Observation Hours

- Observation hours will be done entirely online using a videos in the course SLHS 4350 Professional Writing and Documentation for the SLP & AuD.
- Observation hours completed **after January 1, 2020** must have been (and continue to be) completed with a clinical educator or supervisor who meets the requirements as outlined in **Standard V-E**.
- All observation experiences will be completed in SLHS 4350
 - This prevents Ms. Thurmon from needing to check with each supervisor for the required trainings and debriefings.
- Master Clinician Network has a new observation tracking system that will be used, so SLHS will not need a GA dedicated to the Google doc for tracking hours currently.
- Students can continue to observe in the clinic to enhance their learning or for class assignments, but these observations will not count towards their required 25 hours of observations

Onsite Hours

1. Sign up for the session you want to observe in the clinic in the book in room 32 in the clinic.
2. Show up for your therapy session 10 minutes before in starts in clinic attire with your SLU ID badge and headphones. Make sure that the client has not cancelled in the book in room 32 before therapy.
3. After your session, complete the online form:
 - a. Enter in your name
 - b. The date of the session
 - c. Approximate age of the client. If you watched several clients that day, put the overall age of that population. If you saw a wide variety of ages, you will need to list separately.
 - d. Indicate if the sessions was a therapy or diagnostic session
 - e. When you enter the time you put how many hours you observed and how many minutes you observed separately. For example: if you observed for 4 and ½ hours, select 4 hours and 30 minutes.
 - f. The disorder that the client presented with. If you saw several clients, with different diagnosis you will need to list separately.

- g. The SLP or Audiologist's name
- h. The SLP or Audiologist's email address
- i. Physical Setting
- j. Complete the remaining sections reflecting on your experience!

Dress Code for Clinic

Students are asked to dress for clinic during observations. If not dressed appropriately, the student will be asked to leave or change. Listed below are the general dress code guidelines:

- No tight, low-cut, or short shirts
- Piercings limited to earrings
- No visible tattoos
- No flip-flops (dress sandals allowed)
- No tank tops or strapless (if sleeveless, shirts must be very modest)
- No jeans or shorts

Capstone Project

The purpose of the capstone project is to provide an integrative experience for seniors that ties together the key learning objectives identified by the department that are consistent with the five dimensions as described in the mission of the University. Capstone projects are expected to demonstrate reflection, critical thinking, effective communication (including presentation, research and technological skills as defined by the nature of the project).

This experience is required for all seniors and will be incorporated in one of two places in the curriculum: Senior Seminar (SLHS 4800 – 1 credit hour) or the Research Seminar (SLHS 4050 – 1 credit hour) and Research Practicum (SLHS 4060 – 1 credit hour) sequence.

To fulfill the requirement, students may choose from the following options:

- A. Research project – Student must work with a mentor in the department and must enroll in Research Seminar (Fall) and Research Practicum (Spring)
- B. Reflective analysis of field experience (direct or indirect): Student may either do a reflective analysis of his or her own client or of a structured observation of a client. This project is separate from any clinical responsibilities associated with that client. Strict rules of confidentiality are to be observed at all times.
- C. Reflective analysis of a volunteer experience: Student may choose to do a reflective analysis of a volunteer experience within the current academic year.
- D. Case study: Student may choose to research a case study provided by the instructor. The student will be expected to answer field questions during the oral presentation.
- E. Research paper: Student may select a topic of interest and write a literature review. The topic and review must be selected and written this semester. Topics that may have been researched in past classes are not permitted.
- F. Creative project: Student may create an original product, such as a video, CD or software artifact.
- G. Other: Students are encouraged to think creatively. Remember, all projects must have prior approval from the Chair/Instructor of the course.

Research Project (A): Students who choose to do a research project must enroll in the Research Seminar in the Fall and Research Practicum in the Spring (to be taken in lieu of the Senior Seminar course). Such students will need to work with a faculty member who has agreed to mentor the student in this capacity (see attached timeline). The final grade for the research project will be assigned by the student's faculty mentor.

Eligibility requirements: Students will need to write a letter of interest to the Chair and will need verification that the student has met the minimum requirements of cumulative GPA (3.3 or better) and B or better in major classes. Such verification will be provided by the student's academic mentor.

Other options for capstone project (B-F): Students who choose to work on any of the other options must enroll in the Senior Seminar course spring semester. Capstone projects for senior seminar may be initiated in the fall or spring. If a student wishes to begin the capstone project in the fall, prior approval from the instructor must be obtained. The final grade for the capstone project will be assigned by the instructor of the course.

SLHS 4050 – Research Seminar: This course is the first in a series of two courses that provide the opportunity for students to actively engage in human subjects research as a capstone experience. The project is expected to tie together the department’s learning outcomes based on these five dimensions: scholarship and knowledge, intellectual inquiry and communication, community building, leadership and service, and spirituality and values. Student arranges with an individual faculty member to carry-out a research project, including literature review, study design, IRB approval, data collection and analysis and APA style reporting. Recommendation by a faculty mentor is required.

SLHS 4060 – Research Practicum: This course is the second in a series of two courses that provide the opportunity for students to actively engage in human subjects research as a capstone experience. The project is expected to tie together the department’s learning outcomes based on these five dimensions: scholarship and knowledge, intellectual inquiry and communication, community building, leadership and service, and spirituality and values. Student arranges with an individual faculty member to carry-out a research project, including literature review, study design, IRB approval, data collection and analysis and APA style reporting. Recommendation by a faculty mentor is required.

SLHS 4800 – Senior Seminar: This course provides the opportunity for students to complete an integrative capstone project that ties together the department’s learning outcomes based on these five dimensions: scholarship and knowledge, intellectual inquiry and communication, community building, leadership and service, and spirituality and values. Students are required to complete assigned readings, to produce a capstone project, and to make an oral presentation and submit a paper providing an evidence-based summary of their project. Students may petition to the instructor of the course to work in groups of 2 - 3.

Grading: Letter grades (A through F) will be assigned and determined on the basis of performance on the capstone project. The pass-fail option is not available for the capstone experience.

Mentoring

Faculty mentoring is an important component of your experience at Saint Louis University and as such your faculty mentor will provide you with guidance and support regarding your professional development. You are encouraged to reach out to your faculty mentor as appropriate.

Group mentoring will take place for Freshmen and Sophomores and individual mentors will be assigned Junior year. You can make a request to change your mentor at any time, no questions asked. You can contact Mrs. Thurmon regarding this request.

It is strongly suggested to meet with your academic mentor in the following instances:

- Junior (rising Senior)
- Semester before studying abroad
- Recently changed into the SLHS major

The mentors are as follows:

Dr. Threats	<u>travis.threats@health.slu.edu</u>
Ms. Thurmon	<u>saneta.thurmon@health.slu.edu</u>
Ms. Hoffmann	<u>julia.hoffmann@health.slu.edu</u>
Ms. Fischer	<u>maureen.fischer@health.slu.edu</u>
Dr. Steele	<u>sara.steele@health.slu.edu</u>
Dr. Chiu	<u>yifang.chiu@health.slu.edu</u>

Preparing for Graduate School

In order to best prepare for graduate school, there are helpful tips for each year of your undergraduate career.

Freshmen

- ❑ Build your resume (service, athletics, employment)
- ❑ Get your GPA off to a good start
- ❑ Make a positive impression on the faculty
 - They will be the ones writing you academic letters one day
- ❑ Join NSSLHA

Sophomores

- ❑ Continue to build your resume
- ❑ Strengthen and maintain your academic GPA
- ❑ Continue to make a good impression on faculty
- ❑ Explore your interests within the discipline through observation hours

Juniors

- ❑ Maintain a strong academic record and GPA
- ❑ Research/capstone project
- ❑ Start to prepare for the GRE (many students take it the summer before senior year)
- ❑ Start looking at schools, requesting information, and possibly touring schools

Seniors

- ❑ Finalize a list of which schools you want to apply to
- ❑ Make a list of what is required for each school and write down the due dates
- ❑ Take or retake the GRE if needed
- ❑ Revise and fine tune your personal statements and resumes
- ❑ Ask for letters of recommendation before Thanksgiving break

STUDENT INVOLVEMENT

There are many ways to get involved during your time at Saint Louis University. Below are the options within the Speech, Language and Hearing Sciences department. Involvement within the program is encouraged, as well as involvement within Saint Louis University and the community.

- **Ambassadors:** Assist with projects, lead tours of the Department of Speech, Language and Hearing Sciences and represent the department at University-wide recruitment events.
- **Chapter Members:** SLU's chapter of the National Student Speech-Language-Hearing Association participates in pre-professional, service, fundraising and social activities. Get involved to access opportunities and resources to promote your future success in Speech, Language and Hearing Sciences.

CAMPUS RESOURCES

Student Success Center

The Student Success Center aids students in fulfilling their academic and career-related goals by providing intentional, developmentally appropriate opportunities for self-reflection and discovery, encouraging experiential learning, and supporting students' discernment in vocational, personal and academic choices. With two convenient locations on campus (Busch Student Center, 331 and the School of Nursing Building, 114), students are able to meet with experienced

staff skilled in the areas of promoting academic and career related success. See <https://www.slu.edu/life-at-slu/student-success-center/index.php>.

Disability Services

Saint Louis University is committed to supporting students and providing education experiences through the facilitation of academic accommodations and services. Disability Services partners with students, faculty, academic departments and service providers to facilitate equal access to and the opportunity for all students to participate in University programs, services and experiences. We coordinate auxiliary aids and services to meet the needs of students with disabilities. Our goal is to create a safe and supportive campus community for students with disabilities. All inquiries about the availability of reasonable university-related accommodations are kept confidential, and should be addressed to disability_services@slu.edu, 314-977-3484, Busch Student Center, Suite 331, 20 North Grand Boulevard, St. Louis, MO 63103. See <https://www.slu.edu/life-at-slu/student-success-center/disability-services/index.php>.

Student Health Center

The Student Health Center is available to all students at the University. SLUCare physicians provide services, including internal medicine, sports medicine, orthopedics, gynecology, and family/community medicine. Other medical services include occupational therapy, physical therapy, dietetics, laboratory testing, radiology, EKG and prescription medication. The Student Health Center location, hours of operation, contact information, and answers to other general questions can be found at <http://www.slucare.edu/patient-information/index.php>.

University Counseling Center

The University Counseling Center promotes the psychological health and development of the SLU community using a holistic approach to achieve wellness and educational success. Services include individual, group and couples counseling, psychological testing, crisis management, clinical training of graduate students and wellness education. All services through the University Counseling Center are free to students. Due to the Covid-19 Pandemic, all services are being provided remotely, through Zoom. The University Counseling Center location, hours of

operation, contact information, and answers to other general questions can be found at <https://www.slu.edu/life-at-slu/university-counseling/index.php>.

Instructional Technology Services

Student Tech Services provide support and troubleshooting for student SLU accounts and access, email, Blackboard, internet and media access and printing services. See <https://www.slu.edu/its/it-support-services>.

Appendix 1

Bachelor of Science in Speech, Language and Hearing Sciences
Standard and Scholars Options (120 credits)

FRESHMAN YEAR		
Fall Semester		Hrs.
SLHS 1000	INTRODUCTION TO Speech, Language and Hearing Sciences or ELECTIVE	3
ENGL 1500*	PROCESS OF COMPOSITION (if 25 or below on ACT) or ELECTIVE	3
IPE 1100	INTRODUCTION TO INTERPERSONAL HEALTHCARE or ELECTIVE	1
STAT 1100 or MATH 1300*	STANDALONE STATISTICS COURSE	3
PHIL XXXX*	PHILOSOPHY ELECTIVE	3
XXXX	ELECTIVE	3
TOTAL		16
Spring Semester		Hrs.
<i>Intro to SLHS (SLHS 1000) also offered</i>		

SLHS 2400*	FOUNDATIONS OF LANGUAGE	3
IPE 3500	HEALTH CARE SYSTEMS PROMOTION or ELECTIVE	3
PHYS 1050 or CHEM 1050 or CHEM 1080-01*	SURVEY OF THE HUMAN BODY or BASIC CHEMISTRY or PRINCIPLES OF CHEMISTRY I	3
THEO 1XXX*	THEOLOGY ELECTIVE	3
XXXX*	ELECTIVE	3
TOTAL		15

SOPHOMORE YEAR		
Fall Semester		Hrs.
SLHS 2000*	PHONETICS	2
SLHS 2200*	ANATOMY & PHYSIOLOGY OF THE SPEECH MECHANISM	3
SLHS 3400*	HEARING SCIENCE	3
EDSP 4310	EDUCATION & PSYCH THE EXCEPTIONAL INDIVIDUAL or ELECTIVE	3
ENGL 1900*	ADVANCED STRATEGIES OF RHETORIC AND RESEARCH	3
HCE 2010 or PHIL 2050 or PHIL 3360	FOUNDATIONS IN THE CLINICAL HEALTH CARE ETHICS or ETHICS or MEDICAL ETHICS	3
TOTAL		17

Spring Semester (First option to study abroad)		Hrs.
SLHS 3200*	SPEECH SCIENCE	3
XXXX	DEVELOPMENT ACROSS THE LIFESPAN ELECTIVE or ELECTIVE	3

XXXX	ELECTIVE	3
XXXX	ELECTIVE	3
XXXX*	FINE ART ELECTIVE	3
TOTAL		15

JUNIOR YEAR		
Fall Semester (Second option to study abroad)		Hrs.
BIOL 1240 OR 1260*	BIOLOGY: INFORMATION FLOW & EVOLUTION OR BIOLOGY: ENERGY & MATTER	3
SLHS 3700*	SPEECH AND LANGUAGE DEVELOPMENT	3
EDSP 3700	INTRODUCTION TO DISABILITIES or ELECTIVE	3
XXXX	ELECTIVE	3
XXXX*	PSYCHOLOGY ELECTIVE	3
TOTAL		15

Spring Semester		Hrs.
SLHS 3000*	CULTURAL-LINGUISTIC DIVERSITY	3
SLHS 4150*	SURVEY OF SPEECH AND LANGUAGE DISORDERS	3
SLHS 4200*	AUDIOLOGY: BASIC AUDIOMETRY	3
THR 2450 or COMM 1200*	VOICE AND DICTION or PUBLIC SPEAKING	3
XXXX	ELECTIVE	3
TOTAL		15

GOAL: Complete at least 12 observation hours by the end of Spring Semester Junior Year

SENIOR YEAR

Fall Semester		Hrs.
SLHS 4300*	CLINICAL METHODS	3
SLHS 4350*	PROFESSIONAL AND CLINICAL WRITING SLP & AUD	1
SLHS 4400*	AURAL REHABILITATION	3
ENGL 4000	BUSINESS AND PROFESSIONAL WRITING or ELECTIVE	3
XXXX	ELECTIVE	3
XXXX	ELECTIVE	3
TOTAL		16

Spring Semester		Hrs.
SLHS 4500*	NEUROLOGICAL BASES	3
SLHS 4650	COUNSELING or ELECTIVE	2-4
SLHS 4700**^	CLINICAL PRACTICUM or ELECTIVE	1
SLHS 4800*	SENIOR SEMINAR	2
SLHS 4600^ or SLHS 4900^	SPEECH SOUND DISORDERS or ADVANCED AUDIOLOGY	2-4
EDSP 3560	SPECIAL EDUCATION PROCESS or ELECTIVE	3
XXXX	ELECTIVE	2-4
TOTAL		14-18

*Courses required to complete a major in Speech, Language and Hearing Sciences.

^Scholars Program Requirements

**If you plan to take SLHS 4700, you must complete 25 observation hours by mid-December; otherwise, these hours are due by mid-April, as this is a graduation requirement. All SLHS Scholars are required to take SLHS 4700.

Minimum credit hours for graduation: 120 (SLHS Credit hours = 41 hours)

Minor is not required for graduation, though suggested.

Appendix 2
Capstone Project Timeline

September TBA (Undergraduate orientation)	Students are given information, options, guidelines, and timelines about the capstone experience.
September 15	Students who wish to do a research project need to submit a letter of interest to the Chair as well as verification of GPA from academic mentor. Preliminary approval of research mentor is required; students must add Research Seminar (SLHS 405). Students who wish to begin other capstone project early must have approval from Chair at any point in the semester prior to beginning project.
October 15	If student selects research project option, the following is due to the Chair: approval from research mentor and Chair documentation of a pass for the IRB training requirement brief description and timeline of the research project
November 15	IRB proposal due to mentor
December 1	Review of literature submitted to mentor
December 15	Research option: IRB submitted
January, 3rd week of classes	Other capstone options: description of the project and timeline due to Chair by 3rd week of classes, Spring semester.
February TBA	Department selects 1-2 student(s) for the Senior Legacy Symposium
April TBA	Deadline for student submission form for Senior Legacy Senior Legacy Symposium