

# BACHELOR OF SCIENCE IN COMMUNICATIVE DISORDERS

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Program courses constitute the specific requirements for a Bachelor of Science degree in Communicative Disorders leading to the baccalaureate degree at this University. The undergraduate sequence or a program equivalence is a prerequisite to the Master of Science in Communicative Disorders. A master's degree in the area of Speech-Language Pathology (SLP) is required for a professional license to practice in the field. A doctoral degree in Audiology (AUD) is required for professional licensing in Audiology. All undergraduates, regardless of their intention to become an Audiologist or Speech-Language Pathologist, or to pursue another career path, take the same coursework. Thirteen core courses are required for the major. The B.S. degree is not a terminal degree. While the B.S. degree in Communicative Disorders does not qualify the student to practice Speech-Language Pathology or Audiology, there are related fields open to the B.S. graduate that include employment as a teacher's assistant, classroom aide, child development worker, and Speech-Language Pathology Assistant with additional intern experience beyond the undergraduate degree. In addition, the B.S. degree in SLHS is a strong preparation for a number of graduate programs in special education, education, rehabilitation counseling, and related fields.

The undergraduate degree requires 120 units minimum. Students entering the program must hold the status of junior and declare Speech, Language, and Hearing Sciences as the major. Students are required to meet the following criteria prior to enrollment in the major coursework:

- Demonstrate a minimum GPA of 2.0
- Meet with an advisor to review the requirements of the professions in speech-language pathology, audiology, and related fields.
- All undergraduates, regardless of their intention to become an Audiologist (AuD), Speech-Language Pathologist (SLP), or to pursue another career path, take the same coursework.

Many of the courses listed in the major have prerequisites and must be taken in a particular sequence. The course roadmap begins in the fall semester of the junior year, but SLHS 300 and SLHS 655 are general education that can be taken beforehand. (Consult the roadmap and online course descriptions for the course sequence.)

To advance in the undergraduate program, students must:

- Maintain an overall grade point average of C or better (2.0 GPA)
- Receive a grade of C– or better in all courses in each consecutive semester in the program.
- Successfully complete all courses in each semester sequence.

Students who do not meet these criteria cannot take any additional courses in the sequence. Courses with less than a C– grade must be retaken before enrollment in the complete sequence may continue.

## Communicative Disorders (B.S.) – 40 units

### Major Prerequisites

1. A course in human or animal biology, human anatomy, and physiology, neuroanatomy and neurophysiology, human genetics, or veterinary science.

2. A course in Area D1 Social Sciences in psychology, sociology, anthropology, or public health.
3. A course in Area B1 Physical Science. A course in Area B1 Physical Science – CHEM 101, CHEM 180, PHYS 101, PHYS 111, or PHYS 220
4. A course in statistics. MATH 124, ISED 160, or PSY 171 are recommended.

### Required Courses

Code	Title	Units
SLHS 300	Human Communicative Disorders	3
SLHS 651	Anatomy and Physiology of the Speech Mechanism	3
SLHS 652	Audiology	3
SLHS 654	Audiometry	3
SLHS 655	Dynamics of Communication Development	3
SLHS 656GW	Diagnosis of Communicative Disorders - GVAR	3
SLHS 657	Aural Rehabilitation	3
SLHS 658	Communication Development and Disorders	3
SLHS 659	Articulatory and Phonological Disorders	3
SLHS 661	Neurolinguistics	3
SLHS 663	Introduction to Augmentative and Alternative Communication	3
SLHS 664	Clinical Phonetics	3
SLHS 668	Typical and Atypical Social Communication Development	3
SLHS 680	Practicum in Communication Therapy	1

### Capstone

A capstone ePortfolio assignment is required in the fall semester of the senior year, as a part of the course requirements for SLHS 656GW.

### General Education Requirements

Requirement	Course Level	Units	Area Designation
Oral Communication	LD	3	A1
Written English Communication I	LD	3	A2
Critical Thinking	LD	3	A3
Physical Science	LD	3	B1
Life Science	LD	3	B2
Lab Science	LD	1	B3
Mathematics/Quantitative Reasoning	LD	3	B4
Arts	LD	3	C1
Humanities	LD	3	C2
Arts or Humanities	LD	3	C1 or C2
Social Sciences	LD	3	D1
Social Sciences: US History	LD	3	D2
Social Sciences: US & CA Government	LD	3	D3

Lifelong Learning LD and Self-Development (LLD)		3	E
Physical and/or Life Science	UD	3	UD-B
Arts and/or Humanities	UD	3	UD-C
Social Sciences	UD	3	UD-D

**SF State Studies**

Courses certified as meeting the SF State Studies requirements may be upper or lower division in General Education (GE), a major or minor, or an elective.

American Ethnic and Racial Minorities	LD or UD	3	AERM
Environmental Sustainability	LD or UD	3	ES
Global Perspectives	LD or UD	3	GP
Social Justice	LD or UD	3	SJ

Note: LD = Lower-Division; UD = Upper-Division.

### First-Time Student Roadmap (4 Year)

Find the correct roadmap (A, B, C, or D):

1. Select the row that matches your English Course choice for A2.\*
2. Select the column that matches your QR Category (found at your student center under Math Alert).
3. Click the Roadmap that lines up with your row and column.

For example, if you are taking ENG 104 as your first English course and your student center math alert says you are QR Category III, you should choose Roadmap D.

Pathway	QR Cat I/II	QR Cat III/IV
<b>ENG 114</b>	Roadmap A ( <a href="http://bulletin.sfsu.edu/colleges/education/speech-language-hearing-sciences/ba-communicative-disorders/roadmap-i-ii-eng/">http://bulletin.sfsu.edu/colleges/education/speech-language-hearing-sciences/ba-communicative-disorders/roadmap-i-ii-eng/</a> )	Roadmap C ( <a href="http://bulletin.sfsu.edu/colleges/education/speech-language-hearing-sciences/ba-communicative-disorders/roadmap-iii-iv-eng/">http://bulletin.sfsu.edu/colleges/education/speech-language-hearing-sciences/ba-communicative-disorders/roadmap-iii-iv-eng/</a> )
<b>ENG 104/ENG 105</b>	Roadmap B ( <a href="http://bulletin.sfsu.edu/colleges/education/speech-language-hearing-sciences/ba-communicative-disorders/roadmap-i-ii-stretch/">http://bulletin.sfsu.edu/colleges/education/speech-language-hearing-sciences/ba-communicative-disorders/roadmap-i-ii-stretch/</a> )	Roadmap D ( <a href="http://bulletin.sfsu.edu/colleges/education/speech-language-hearing-sciences/ba-communicative-disorders/roadmap-iii-iv-stretch/">http://bulletin.sfsu.edu/colleges/education/speech-language-hearing-sciences/ba-communicative-disorders/roadmap-iii-iv-stretch/</a> )

\*Composition for Multilingual Students: If taking ENG 209 as your first English course, choose the ENG 114 row. If taking ENG 204 for your first English course, choose the ENG 104/ENG 105 row.

### General Advising Information for Transfer Students

1. Before transfer, complete as many lower-division requirements or electives for this major as possible.
2. The following courses are not required for admission but are required for graduation. Students are strongly encouraged to complete these units before transfer; doing so will provide more flexibility in course selection after transfer.
  - a course in U.S. History
  - a course in U.S. & California Government

For information about satisfying the requirements described in (1) and (2) above at a California Community College (CCC), please visit <http://www.assist.org> (<http://assist.org>). Check any geographically accessible CCCs; sometimes options include more than one college. Use ASSIST to determine:

- Which courses at a CCC satisfy any lower-division major requirements for this major;
- Which courses at a CCC satisfy CSU GE, US History, and US & CA Government requirements.

Remedial courses are not transferable and do not apply to the minimum 60 semester units/90 quarter units required for admission.

Additional units for courses that are repeated do not apply to the minimum 60 units required for upper-division transfer (for example, if a course was not passed on the first attempt or was taken to earn a better grade).

Before leaving the last California Community College of attendance, obtain a summary of completion of lower-division General Education units (IGETC or CSU GE Breadth). This is often referred to as a GE certification worksheet. SF State does not require delivery of this certification to Admissions, but students should retain this document for verifying degree progress after transfer.

Credit for Advanced Placement, International Baccalaureate, or College-Level Examination Program courses: AP/IB/CLEP credit is not automatically transferred from the previous institution. Units are transferred only when an official score report is delivered to SF State. Credit is based on the academic year during which exams were taken. Refer to the University Bulletin in effect during the year of AP/IB/CLEP examination(s) for details regarding the award of credit for AP/IB/CLEP.

Students pursuing majors in science, technology, engineering, and mathematics (STEM) disciplines often defer 6-9 units of lower-division General Education in Areas C and D until after transfer to focus on preparation courses for the major. This advice does not apply to students pursuing associate degree completion before transfer.

### Transferring From Institutions Other Than CCCs or CSUs

Review SF State's lower-division General Education requirements. Note that, as described below, the four basic skills courses required for admission meet A1, A2, A3, and B4 in the SF State GE pattern. Courses that fulfill the remaining areas of SF State's lower-division GE pattern are available at most two-year and four-year colleges and universities.

Of the four required basic skills courses, a course in critical thinking (A3) may not be widely offered outside the CCC and CSU systems. Students

should attempt to identify and take an appropriate course no later than the term of application to the CSU. To review more information about the A3 requirement, please visit [bulletin.sfsu.edu/undergraduate-education/general-education/lower-division/#AAEL](http://bulletin.sfsu.edu/undergraduate-education/general-education/lower-division/#AAEL).

Waiting until after transfer to take a single course at SF State that meets both US and CA/local government requirements may be an appropriate option, particularly if transferring from outside of California.

## **All Students Must Meet the Transfer Eligibility Requirements Outlined Below for Admission.**

For more information, visit the Undergraduate Admissions section (<http://bulletin.sfsu.edu/undergraduate-admissions/>).

- Complete 60 or more transferable semester units or 90 or more quarter units.
- Earn a college grade point average of 2.0 or better in all transferable courses. Non-local area residents may be held to a higher GPA standard.
- Be in good standing at the last college or university attended.
- Complete 30-semester units (45-quarter units) of General Education, including four basic skills courses:
  - a. One course in oral communication (same as CSU GE Area A1)
  - b. One course in written composition (same as CSU GE Area A2)
  - c. One course in critical thinking (same as CSU GE Area A3)
  - d. One course in mathematics or quantitative reasoning (same as CSU GE Area B4)
- The four basic skills courses and a minimum of 60 transferable semester units (90-quarter units) must be completed by the spring semester prior to fall admission, or by the fall semester prior to spring admission. Earn a C- or better grade in each basic skills course.