# Bachelor of Science in Communicative Disorders - Quantitative Reasoning Category I/II and Stretch English

120 Total Units Required  
Minimum Number of Units in the Major: 40

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
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<tr>
<td>ENG 104</td>
<td>Writing the First Year: Finding Your Voice Stretch I</td>
<td>3</td>
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<tr>
<td>GE Area A ²</td>
<td></td>
<td>3</td>
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<tr>
<td>GE Area C</td>
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<td>3</td>
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<tr>
<td>GE Area D ³</td>
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<tr>
<td>SF State Studies or University Elective</td>
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<tr>
<td><strong>Units</strong></td>
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<td>15</td>
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<tr>
<td><strong>Second Semester</strong></td>
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<tr>
<td>ENG 105</td>
<td>Writing the First Year: Finding Your Voice Stretch II (A2)²</td>
<td>3</td>
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<tr>
<td>Select One (Major Prerequisite): ⁴</td>
<td>Elementary Statistics (B4)</td>
<td>3</td>
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<tr>
<td>MATH 124</td>
<td>Data Analysis in Education (B4)</td>
<td>3</td>
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<tr>
<td>ISED 160</td>
<td>Quantitative Reasoning in Psychology (B4)</td>
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<td>PSY 171</td>
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<td><strong>Units</strong></td>
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<tr>
<td><strong>Third Semester</strong></td>
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<tr>
<td>GE Area B: Physical Science (B1) and Laboratory Science (B3) ⁵,⁶</td>
<td>3-4</td>
<td>3-4</td>
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<tr>
<td>GE Area C</td>
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<td>3</td>
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<tr>
<td>GE Area D ³</td>
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<td>GE Area E</td>
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<tr>
<td><strong>Units</strong></td>
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<td>11-12</td>
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<tr>
<td><strong>Fourth Semester</strong></td>
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<tr>
<td>SLHS 300</td>
<td>Human Communicative Disorders (Major Core, UD-D, SJ)</td>
<td>3</td>
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<tr>
<td>GE Area B: Life Science (B2) and Laboratory Science (B3) ⁵</td>
<td>3-4</td>
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**GE Area C**  
SF State Studies or University Elective - Take Two  
Units  
15-16

**Fifth Semester**  
SLHS 651  
Anatomy and Physiology of the Speech Mechanism (Major Core)  
SLHS 652  
Audiology (Major Core)  
SLHS 655  
Dynamics of Communication Development (Major Core, UD-D)  
GE Area UD-C: Upper-Division Arts and/or Humanities (Consider SF State Studies Course) | 3 |
SF State Studies or University Elective | 3 | 3 |
**Units** | 15 |

**Sixth Semester**  
SLHS 654  
Audiometry (Major Core)  
SLHS 658  
Communication Development and Disorders (Major Core)  
SLHS 661  
Neurolinguistics (Major Core)  
SLHS 680  
Practicum in Communication Therapy (Major Core)  
GE Area UD-B: Upper-Division Physical and/or Life Sciences (Consider SF State Studies Course) | 3 |
SF State Studies or University Elective | 3 | 3 |
**Units** | 16 |

**Seventh Semester**  
SLHS 656GW  
Diagnosis of Communicative Disorders - GWAR (Major Core)  
SLHS 657  
Aural Rehabilitation (Major Core)  
SLHS 664  
Clinical Phonetics (Major Core)  
SF State Studies or University Elective - Take Two | 6 |
**Units** | 15 |

**Eighth Semester**  
SLHS 659  
Articulatory and Phonological Disorders (Major Core)  
SLHS 663  
Introduction to Augmentative and Alternative Communication (Major Core) | 3 | 3 |

**Major Prerequisite:** A course in human or animal biology, human anatomy and physiology, neuroanatomy and neurophysiology, human genetics, or veterinary science
SLHS 668

Typical and Atypical Social Communication Development (Major Core)

3

SF State Studies or University Elective - Take Two

6

Units 15

Total Units 117-119

1 ENG 114 can only be taken if you complete Directed Self-Placement (DSP) and select ENG 114; if you choose ENG 104/ENG 105 through DSP you will satisfy A2 upon successful completion of ENG 105 in the second semester; multilingual students may be advised into alternative English courses.

2 To avoid taking additional units, it is recommended that you meet SF State Studies requirements (AERM, GP, ES, SJ) within your GE or major.

3 The D1 course should be in one of the following categories: psychology, sociology, anthropology, or public health.

4 Depending on courses completed through Early Start, students in Pathway/Category III or IV may be required to enroll in a support course to complement their Quantitative Reasoning/B4 requirement. There are multiple course options for this pathway. Before enrolling in a B4 course, students should verify their MATH Pathway/Category in their Student Center (http://cms.sfsu.edu/content/student-center). Information regarding the courses that correspond with your MATH Pathway/Category can be found on the Developmental Studies Office Website (http://developmentalstudies.sfsu.edu).

5 Consider taking a class combined with a laboratory or a separate lab to fulfill B3 if not already satisfied.

6 The B1 course should be one of the following:
   CHEM 101 Survey of Chemistry (3 units) (B1)
   CHEM 180 Chemistry for the Energy and the Environment (3 units) (B1, B3, ES)
   PHYS 101 Conceptual Physics (3 units) (B1)
   PHYS 111 General Physics I (3 units) (B1)
   PHYS 220 General Physics with Calculus I (3 units) (B1)

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