The San Francisco State Scholars program provides undergraduate students with an accelerated pathway to a graduate degree. Students in this program pursue a bachelor's and master's degree simultaneously. This program allows students to earn graduate credit while in their junior and/or senior year, reducing the number of semesters required for completion of a master's degree.

This roadmap is a suggested plan of study and does not replace meeting with an advisor. Please note that students may need to adjust the actual sequence of courses based on course availability. Please consult an advisor in your major program for further guidance.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td><strong>First Year</strong></td>
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<tr>
<td>Fall Semester</td>
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<tr>
<td>ENG 114</td>
<td>Writing the First Year: Finding Your Voice (A2)</td>
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<tr>
<td>GE Area A</td>
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<td>GE Area B</td>
<td>Quantitative Reasoning (B4)</td>
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<td>GE Area C</td>
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<td>Complementary Studies or SF State Studies or University Elective</td>
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<tr>
<td><strong>Units</strong></td>
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<tr>
<td>Spring Semester</td>
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<tr>
<td>CAD 210</td>
<td>Introduction to Applied Child and Adolescent Development (Major Core, D1)</td>
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<tr>
<td>CAD 260</td>
<td>Children, Families, and Community: An Ecological Perspective (Major Core, D1, AERM, GP)</td>
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<td>GE Area A</td>
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<tr>
<td>GE Area D</td>
<td>U.S. History (D2)</td>
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<td>GE Area E</td>
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<td><strong>Units</strong></td>
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<td><strong>Second Year</strong></td>
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<td>Summer Semester</td>
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<tr>
<td>- Take Two</td>
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<td><strong>Units</strong></td>
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<tr>
<td>GE Area B: Physical Science (B1) and Laboratory Science (B3)</td>
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<td>GE Area C - Take Two</td>
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<td><strong>Units</strong></td>
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<td>CAD 300</td>
<td>Professional Roles and Careers in Child and Adolescent Development (Major Core)</td>
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<td>MATH 165</td>
<td>Concepts of the Number System (Major Concentration)</td>
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<td>GE Area F</td>
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<td>U.S. and California Government (<a href="http://bulletin.sfsu.edu/undergraduate-education/american-institutions/#usg">http://bulletin.sfsu.edu/undergraduate-education/american-institutions/#usg</a>)</td>
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<td><strong>Third Year</strong></td>
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<td>Fall Semester</td>
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<td>CAD 410GW</td>
<td>Applied Development Science: Prenatal Through Early Childhood - GWAR (Major Core)</td>
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<td>Language Studies Course (Major Concentration)</td>
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<td>History Course (Major Concentration)</td>
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<tr>
<td>Art Course (Major Concentration)</td>
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<tr>
<td>GE Area UD-B: Upper-Division Physical and/or Life Sciences</td>
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<tr>
<td><strong>Units</strong></td>
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<td>15-16</td>
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<tr>
<td>Spring Semester</td>
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<tr>
<td>CAD 411</td>
<td>Applied Development Science: Middle Childhood through Emerging Adulthood (Major Core)</td>
<td>3</td>
</tr>
<tr>
<td>SPED 655</td>
<td>Basic Orientation and Mobility for Learners with Visual Impairments (Credential, Graduate Elective)</td>
<td>3</td>
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</tbody>
</table>
### Science Course (Major Concentration) 11
- 3 units

### Literature Course (Major Concentration) 12
- 3 units

### Physical Education Course (Major Concentration) 13
- 3 units

**Units**: 15

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**Fourth Year**

**Summer Semester**

Complementary Studies or SF State Studies or University Elective - Take Two 4

**Units**: 6

**Fall Semester**

- **CAD 500**: Research Methods in Child and Adolescent Development (Major Core)
- **CAD 625**: Children, Youth, and Public Policy (Major Core)
- Select One (Graduate Core):
  - **ISED 797**: Seminar in Educational Research
  - **SPED 881**: Advanced Research Seminar in Special Education
  - **SPED 749**: Medical, Educational, and Rehabilitative Implications of Visual Impairment (Credential)
  - **SPED 763**: Transition Planning for Students with Disabilities (Credential, Graduate Elective) 10

**Units**: 16

**Spring Semester**

- **CAD 660**: Applied Advanced Developmental Science in Child and Adolescent Development (Major Core)
- **SPED 750**: Assessment for Learners with Visual Impairments (Credential, Graduate Elective) 10
- **SPED 757**: Visual Impairment: Special Populations (Credential, Graduate Elective) 10
- **SPED 788**: Law, Ethics, and Instructional Planning (Credential, Graduate Core)
- **GE Area UD-D: Upper-Division Social Sciences**: 9 units

**Units**: 15

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**Fifth Year**

**Summer Semester**

- **SPED 735**: Technology for Blind and Low Vision Students (Credential)
- Complementary Studies or SF State Studies or University Elective 3

**Units**: 6

**Fall Semester**

- **E ED 784**: Curriculum and Instruction in Mathematics (CLAD Emphasis) (Credential)
- **E ED 882**: Literacy Instruction in K-12 Classrooms (Credential)
- **SPED 701**: Education Specialist Intern Teacher Support Seminar (Credential, Graduate Related Studies) 14
- **SPED 754**: Basic Communication Skills for Learners with Visual Impairments (Credential)

**Units**: 12

**Spring Semester**

- **SPED 723**: Workshop: Student Teaching Support Sessions for Extensive Support Needs or Visual Impairments (Credential)
- **SPED 730**: Student Teaching: Special Education (Credential)

**Units**: 12

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**Sixth Year**

**Fall Semester**

- **SPED 751**: Instruction for Learners with Visual Impairments (Credential)
- **SPED 752**: Issues in Visual Impairment (Credential)
- **SPED 753**: Living Skills Assessment and Instruction for Learners with Visual Impairments (Credential)

**Units**: 3
SPED 801
Development, Diversity, and English Language Learners: Special Education (Credential, Graduate Core) 3

Spring Semester
SPED 758
Advanced Communication Skills for Learners with Visual Impairments (Credential) 3

Health Education Course 15 3
Culminating Experience 16 6

Total Units 12

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 the SF State Studies (AERM, GP, ES, SJ) requirements within your GE or major.

3 To determine the best B4 course option, students should complete the online advising activity at mathadvising.sfsu.edu (https://mathadvising.sfsu.edu/). Questions? Contact Gator Smart Start. (https://gatorsmartstart.sfsu.edu)

4 Complementary Studies
To fulfill the Complementary Studies requirement, all students completing a B.A. degree must take 12 units from courses outside of the primary prefix of their major and not cross-listed with the primary prefix for the major. This requirement is fulfilled when completing 12 units towards a minor certificate or 2nd major completion of 12 units of a language or in study abroad, or 12 units in any courses outside of Child and Adolescent Development. Students may need to take additional units, however, to reach the 120 minimum units required for graduation.

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

6 Language Studies Courses
COMM 554 Performance of Children’s Literature (4 units)
ENG 420 Introduction to the Study of Language (3 units) (UD-C, GP)
SLHS 300 Introduction to Speech, Language, and Hearing Sciences (3 units) (UD-D, SJ)
SLHS 655 Language Development (3 units) (UD-D)

7 History Courses
AA S 510 Asian Americans in California (3 units) (UD-D, AERM, ES, SJ)
AIS 410 Perspectives of Native California Indians (3 units) (F, AERM, ES)
HIST 450 History of California (3 units) (UD-D, CSLG)
LTNS 315 Latina/os in California (3 units) (UD-C, AERM, SJ)

8 Art Courses
AFRS 400 Black Arts and Humanities (3 units) (UD-C, AERM, SJ)
AMST 310/HUM 485 The Arts and American Culture (3 units) (UD-C, AERM)

9 It is highly recommended that students attempt to fulfill upper-division GE requirements (UD-B, UD-C, and UD-D) through Concentration courses. Courses that fulfill those requirements have been marked in the respective lists.

10 Upper-Division/Graduate Courses (12 units)
Courses in Special Education that align with the professional interest and career goals of the student, selected with a faculty advisor. No more than 9 units of upper-division coursework can be counted towards the degree.

11 Science Courses
A U 301/GEOG 301 Bay Area Environments (3 units) (UD-B, ES)
BIOL 300 Nature Study (3 units) (UD-B, ES)
BIOL 310 Biology for Today’s World (3 units) (UD-B, ES)
BIOL 318 Our Endangered Planet (3 units) (UD-B, AERM, ES, GP)
E ED 655 Hands-on Undergraduate Science Education Experience (3 units)
ERTH 310 The Violent Earth (3 units) (UD-B, ES)
ERTH 335 Global Warming (3 units) (UD-B, ES, GP)
ERTH 365 Extreme Weather in a Warming World (3 units) (UD-B, ES, GP)
LS 310 Science and Culture for Future Elementary School Teachers (3 units) (UD-B)
LS 430 Future of the Forests (3 units) (UD-B, ES, GP)

12 Literature Courses
AA S 512 Asian American Children’s/Adolescent Literature (3 units) (UD-C, AERM, SJ)
CWL 440 “Typical American”: Narratives of Multiculturalism in the Americas from 1492 to the Present (3 units) (UD-C, GP)
ENG 655 Literature and the Adolescent Reader (3 units)

13 Physical Education Courses
KIN 240 Introduction to Teaching Physical Education (3 units)
KIN 401 Elementary School Physical Education: K-5 (3 units)
KIN 487 Motor Development (3 units)

14 Related Studies (3 units)
Selected upon approval of major faculty advisor in a program area.

15 Health Education
A list of CTC approved health education courses is available on the department website: https://sped.sfsu.edu/content/forms-0 (https://sped.sfsu.edu/content/forms-0)

16 Culminating Experience (6 units)
Students will be required to complete one of the following options for the approved culminating experience, following advancement to candidacy:

Option 1
• SPED 896EXM Culminating Experience Examination
• Two graduate seminars selected in consultation with an advisor. One must be outside of the student’s interest area.

Option 2
• SPED 894 Creative Work Project in Special Education
• One graduate seminar outside the interest area selected in consultation with an advisor.

Option 3
• SPED 898 Master’s Thesis
• One graduate seminar outside the interest area selected in consultation with an advisor.