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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<tr>
<td><strong>Fall Semester</strong></td>
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<tr>
<td>ENG 114</td>
<td>Writing the First Year: Finding Your Voice (A2)</td>
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<td>Select One (Major Prerequisite):</td>
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<td>Human Biology and Human Biology Laboratory (B2, B3)</td>
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<td>BIOL 230</td>
<td>Introductory Biology I</td>
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<td>GE Area D</td>
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<td><strong>Second Year</strong></td>
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<td>BIOL 328</td>
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<tr>
<td><strong>Third Year</strong></td>
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<td>Summer Semester</td>
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<td>KIN 251</td>
<td>Success in the Kinesiology Major (Major Core)</td>
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<td>KIN 384GW</td>
<td>Research Methods in Kinesiology - GWAR (Major Core)</td>
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<td>KIN 486</td>
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### Third Year

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<tr>
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<td>Exercise Physiology (Major Core)</td>
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<td>KIN 483</td>
<td>Exercise Physiology Laboratory (Major Concentration)</td>
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<td>KIN 485</td>
<td>Biomechanics (Major Concentration)</td>
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<td>SPED 655</td>
<td>Basic Orientation and Mobility for Learners with Visual Impairments (Credential, Graduate Elective)</td>
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<td>SPED 788</td>
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### Fourth Year

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<td>KIN 483</td>
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### Fifth Year

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<td>Seminar in Educational Research (Graduate Core)</td>
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<td>SPED 756</td>
<td>Orientation and Mobility Seminar (Credential, Graduate Elective)</td>
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<td>SPED 760</td>
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<td>SPED 792</td>
<td>Methods in Orientation and Mobility II (Credential, Graduate Elective)</td>
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<td>SPED 726</td>
<td>Workshop: Student Teaching Support Sessions for Mild/Moderate Support Needs or Orientation Mobility (Credential)</td>
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<td>SPED 730</td>
<td>Student Teaching: Special Education (Credential)</td>
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### Sixth Year

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<tr>
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<td>Special Education Field Experience (Credential)</td>
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<td>SPED 753</td>
<td>Living Skills Assessment and Instruction for Learners with Visual Impairments (Credential, Graduate Related Studies)</td>
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<td>SPED 822</td>
<td>Methods in Orientation and Mobility III (Credential)</td>
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<td>SPED 823</td>
<td>Methods in Orientation and Mobility IV</td>
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<td>Spring</td>
<td>SPED 757</td>
<td>Visual Impairment: Special Populations (Credential)</td>
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### Notes:
- Major Electives (12 units total) include additional courses for credit.
- Units denote the total credit hours required for each semester.
- Courses with special designations denote specific credit hours or component electives.
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.

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/)

Quantitative Reasoning Requirement (3-4 units)
Select One:
ETHS 116 Algebra and Statistics for Social Justice (4 units) (B4, SJ)
ETHS 117 Statistics for Social Justice (3 units) (B4, SJ)
ISED 160 Data Analysis in Education (3 units) (B4)
MATH 124 Elementary Statistics (3 units) (B4)
PSY 171 Quantitative Reasoning in Psychology (3 units) (B4)

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.

Activity Requirement (1 Unit)
With prior approval of advisor, select one activity course (KIN prefix) representing a fitness-related activity or movement form that complements and enhances the student’s personal fitness and movement profile.

Electives (12 Units)
Students must take 12 units of electives. Groupings of electives in three focus areas are provided below, but other groups are possible and students should meet with an advisor to select electives that align with their career path. The movement science area focuses on the factors that influence the neuromotor control, learning, relearning, and development of motor skills and analysis. The social science area focuses on the socio-cultural and psychological factors that serve to constrain and define human movement, fitness, and physical activity. The exercise science area focuses on the physiology of exercise, fitness and health, exercise prescription, and fitness programming in healthy adults, youth, elderly, and clinical populations.

Movement Science Focus Area
KIN 325 Computer Applications in Kinesiology (3 units)
KIN 437 Physical Dimensions of Aging (3 units)
KIN 487 Motor Development (3 units) (UD-B)
KIN 538 Therapeutic Exercise (3 units)
KIN 539 Motor Assessment of Individuals with Disabilities (3 units)
KIN 636 Neuromotor Control Processes (3 units)
KIN 680 Musculoskeletal Biomechanics and Human Movement (3 units)

Social Science Focus Area
KIN 322 Sport in America (3 units)
KIN 331 Peak Performance (3 units) (UD-D, GP, SJ)
KIN 434 Sport-Based Youth Development (3 units)
KIN 489 History and Philosophy of Sport and Physical Activity (3 units)
KIN 502 Sport and Social Issues (3 units) (UD-D, AERM, SJ)
KIN 510 Sport, Movement, and Screen Culture (3 units) (UD-C, GP, SJ)

Exercise Science Focus Area
(CURRENT CPR CERTIFICATION IS REQUIRED PRIOR TO GRADUATING)
KIN 310 Youth Development Instructional Analysis I (3 units)
or KIN 312 Youth Development Instructional Analysis II (3 units)
KIN 437 Physical Dimensions of Aging (3 units)
KIN 490 Introduction to Sport and Fitness Program Management (3 units)
KIN 538 Therapeutic Exercise (3 units)
KIN 555 Exercise Testing and Prescription (3 units)
KIN 683 Advanced Exercise Physiology (3 units)
KIN 690 Internship in Fitness/Wellness (3 units)

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.

Related Studies (3 units)
Selected upon approval of major faculty advisor in a program area.
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, which may include SPED 881 Advanced Research Seminar in Special Education.

Option 2
- SPED 894 Creative Work Project in Special Education
- One graduate seminar outside the interest area selected in consultation with an advisor, which may include SPED 881 Advanced Research Seminar in Special Education.

Option 3
- SPED 898 Master’s Thesis
- SPED 881 Advanced Research Seminar in Special Education

* Given catalog rights, fall 2022 transfer students do not need to complete an Area F course.