BACHELOR OF ARTS IN ECONOMICS

Declaring the Major and Undergraduate Advising
Students can declare economics as a major at the Economics Department office in HSS 142. The department requires that all majors meet with an advisor each spring. Advisors counsel students on the selection of economics courses, as well as GE requirements and other courses in the University. Students who do not see an advisor will not be able to register for the fall semester.

• Majors must take the core courses for a letter grade and earn a minimum grade of C- in each. (CR/NC grading is not allowed for core courses.)
• ECON 690GW is the capstone course and must be taken in the senior year.

Program Learning Outcomes
1. In the program, students will acquire knowledge of current economic theory and thought needed to examine a particular economic issue or event. They will also develop an understanding of the role played by economic institutions, as well as how public policy can affect economic and social outcomes.
2. In the program, students will master the ability to collect, process, interpret, analyze, and draw conclusions from economic information and economic data using appropriate quantitative methods.
3. In the program, students will develop and expand on skills necessary to effectively communicate economic ideas both orally and in writing to a wide audience.

Economics (B.A.) — 43 Units

Core Courses (25 Units)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 101</td>
<td>Introduction to Microeconomic Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ECON 102</td>
<td>Introduction to Macroeconomic Analysis (formerly ECON 100)</td>
<td>3</td>
</tr>
<tr>
<td>ECON 301</td>
<td>Intermediate Microeconomic Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECON 302</td>
<td>Intermediate Macroeconomic Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECON 311</td>
<td>Statistical Methods and Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>ECON 312</td>
<td>Introduction to Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 690GW</td>
<td>Senior Seminar: Economic Inquiry and Analysis - GWAR</td>
<td>3</td>
</tr>
<tr>
<td>MATH 226</td>
<td>Calculus I</td>
<td>4</td>
</tr>
</tbody>
</table>

Upper Division Electives (18 Units)

Economics majors are required to take six upper division elective courses in economics. There are over 20 elective courses, including some cross-listed courses with other programs, offered each year on such subjects as money and banking, international economics, labor economics, industrial organization, experimental economics and game theory, health economics, public finance, law and economics, economic history, urban economics, environmental economics, and economic development.

Upon prior advisement, a maximum of two courses may be taken from another department in a related discipline.

Complementary Studies
Bachelor of Arts students must complete at least twelve units of complementary studies outside of the primary prefix for the major. (Note: Students may not use an alternate prefix that is cross-listed with the primary prefix for the major.)

Students who complete two majors or a major and a minor automatically complete the complementary studies requirement. Alternatively, students in the Economics major can meet with a major advisor to determine which courses will satisfy the complementary studies requirement. Consult with your major advisor for assistance.

Students who have earned AA-T or AS-T degrees and are pursuing a similar B.A. degree at SF State are required to fulfill the Complementary Studies requirement as defined by the major department. Students should consult with a major advisor about how transfer units and/or SF State units can best be applied to this requirement in order to ensure degree completion within 60 units.

General Education Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Level</th>
<th>Units</th>
<th>Area Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Communication</td>
<td>LD</td>
<td>3</td>
<td>A1</td>
</tr>
<tr>
<td>Written English Communication I</td>
<td>LD</td>
<td>3</td>
<td>A2</td>
</tr>
<tr>
<td>Critical Thinking</td>
<td>LD</td>
<td>3</td>
<td>A3</td>
</tr>
<tr>
<td>Physical Science</td>
<td>LD</td>
<td>3</td>
<td>B1</td>
</tr>
<tr>
<td>Life Science</td>
<td>LD</td>
<td>3</td>
<td>B2</td>
</tr>
<tr>
<td>Lab Science</td>
<td>LD</td>
<td>1</td>
<td>B3</td>
</tr>
<tr>
<td>Mathematics/ Quantitative Reasoning</td>
<td>LD</td>
<td>3</td>
<td>B4</td>
</tr>
</tbody>
</table>

Economics

Arts or Humanities

Social Sciences

Social Sciences: US History

Social Sciences: US & CA Government

Lifelong Learning and Self-Development (LLD)

Physical and/or Life Science

Arts and/or Humanities

Social Sciences

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

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Level</th>
<th>Units</th>
<th>Area Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Ethnic and Racial Minorities</td>
<td>LD or UD</td>
<td>3</td>
<td>AERM</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Pathway</th>
<th>QR Cat I/II</th>
<th>QR Cat III/IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 114</td>
<td>Roadmap A</td>
<td>Roadmap C</td>
</tr>
<tr>
<td>(bulletin.sfsu.edu/colleges/business/economics/ba-economics/roadmap-i-ii-eng)</td>
<td>(bulletin.sfsu.edu/colleges/business/economics/ba-economics/roadmap-iii-iv-stretch)</td>
<td></td>
</tr>
<tr>
<td>ENG 104/ENG 105</td>
<td>Roadmap B</td>
<td>Roadmap D</td>
</tr>
<tr>
<td>(bulletin.sfsu.edu/colleges/business/economics/ba-economics/roadmap-i-ii-stretch)</td>
<td>(bulletin.sfsu.edu/colleges/business/economics/ba-economics/roadmap-iii-iv-eng)</td>
<td></td>
</tr>
</tbody>
</table>

*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.

Transfer Student Roadmap (2 Year)

For Students with an AA-T in Economics. This roadmap opens in a new tab (bulletin.sfsu.edu/colleges/business/economics/ba-economics/adt-roadmap).

This degree program is an approved pathway (“similar” major) for students earning the ADT in Economics

California legislation SB 1440 (2009) mandated the creation of the Associate Degree for Transfer (ADT) to be awarded by the California Community Colleges. Two types of ADTs are awarded: Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T).

Note: no specific degree is required for admission as an upper-division student. However, the ADT includes specific guarantees related to admission and graduation and is designed to clarify the transfer process and strengthen lower-division preparation for the major.

An ADT totals 60 units and in most cases includes completion of all lower-division General Education requirements and at least 18 units in a specific major. (The Biology, Chemistry, and Environmental Science AS-T degrees defer 3 units in lower-division GE area C and 3 units in lower division GE area D until after transfer.) Students pursuing an ADT are guaranteed admission to the CSU if minimum eligibility requirements are met, though not necessarily to the CSU campus of primary choice.

Upon verification that the ADT has been awarded prior to matriculation at SF State, students are guaranteed B.A. or B.S. completion in 60 units if pursuing a “similar” major after transfer. Determinations about “similar” majors at SF State are made by faculty in the discipline.

Degree completion in 60 units cannot be guaranteed when a student simultaneously pursues an additional major, a minor, certificate, or credential.

A sample advising roadmap for students who have earned an ADT and continue in a “similar” major at SF State is available on the Roadmaps tab on the degree requirements page for the major. The roadmap displays:

- How many lower-division units required for the major have been completed upon entry based on the award of a specific ADT;
- Which lower-division requirements are considered complete upon entry based on the award of a specific ADT;
- How to complete the remaining 60 units for the degree in four semesters.

Students who have earned an ADT should seek advising in the major department during the first semester of attendance.

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. 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;

Remedial courses are not transferable and do not apply to the minimum 60 units/90 quarters 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 (GE 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 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 (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.