

BACHELOR OF ARTS IN ECONOMICS ROADMAP – QUANTITATIVE REASONING CATEGORY III/IV AND ENG 114

120 Total Units Required

Minimum Number of Units in the Major: 43

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.

Course	Title	Units
First Semester		
ECON 101	Introduction to Microeconomic Analysis (Major Core, D1)	3
ENG 114	Writing the First Year: Finding Your Voice (A2) ¹	3
MATH 197	Prelude to Calculus I (MATH 226 Prerequisite) ^{2,4}	3
GE Area A ³		3
GE Area C		3
		Units 15
Second Semester		
ECON 102	Introduction to Macroeconomic Analysis (Major Core, D1)	3
MATH 198	Prelude to Calculus II (MATH 226 Prerequisite, B4) ^{2,4}	3
GE Area A		3
GE Area B: Physical Science (B1) and Laboratory Science (B3) ⁵		3-4
GE Area E		3
		Units 15-16
Third Semester		
MATH 226	Calculus I (Major Core, B4) ⁴	4
GE Area B: Life Science (B2) and Laboratory Science (B3) ⁵		3-4
GE Area C		3
Complementary Studies or SF State Studies or University Elective - Take Two ⁶		6
		Units 16-17
Fourth Semester		
GE Area C		3
GE Area D		3

Complementary Studies or SF State Studies or University Elective - Take Three ⁶		9
		Units 15
Fifth Semester		
ECON 301	Intermediate Microeconomic Theory (Major Core)	3
Select One (Major Core):		3
DS 212	Business Statistics I	
ECON 311	Statistical Methods and Interpretation	
MATH 124	Elementary Statistics	
GE Area F [±]		3
GE Area UD-B: Upper-Division Physical and/or Life Sciences (Consider SF State Studies Course)		3
U.S. and California Government (http://bulletin.sfsu.edu/undergraduate-education/american-institutions/#usg)		3
		Units 15
Sixth Semester		
ECON 302	Intermediate Macroeconomic Theory (Major Core)	3
Major Upper-Division Electives (18 units) - Take Two ⁷		6
GE Area UD-D: Upper-Division Social Sciences (Consider SF State Studies Course)		3
Complementary Studies or SF State Studies or University Elective ⁶		3
		Units 15
Seventh Semester		
ECON 312	Introduction to Econometrics (Major Core)	3
Major Upper-Division Electives (18 units) - Take Two ⁷		6
GE Area UD-C: Upper-Division Arts and/or Humanities (Consider SF State Studies Course)		3
Complementary Studies or SF State Studies or University Elective ⁷		3
		Units 15
Eighth Semester		
ECON 690GW	Senior Seminar: Economic Inquiry and Analysis - GVAR (Major Core)	3
Major Upper-Division Electives (18 units) - Take Two ⁷		6
Complementary Studies or SF State Studies or University Elective - Take Two ⁶		5
		Units 14
		Total Units 120-122

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 QR Category III students with a grade of B or higher in high school pre-calculus in the past year may be able to enroll in MATH 226 without enrolling in MATH 197/MATH 198. Please see a department advisor.
- ³ To avoid taking additional units, it is recommended that you meet the **SF State Studies** (AERM, GP, ES, S,J) requirements within your GE or major.
- ⁴ 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/>)
- ⁵ Consider taking a class combined with a laboratory or a separate lab to fulfill B3 if not already satisfied.
- ⁶ **Complementary Studies**
Bachelor of Arts students must complete at least 12 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.

- ⁷ **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.
ECON 400 Economic and Social History of the United States (3 units)
ECON 450 Health Economics (3 units)
ECON 474/HIST 474/LABR 474 History of Labor in the United States (3 units)
ECON 500 Money and Banking (3 units)
ECON 501 Money and Capital Markets (3 units)
ECON 505 Public Economics (3 units)
ECON 510/LABR 510 Labor Economics (3 units)
ECON 511/LABR 511 Collective Bargaining (3 units)
ECON 512 Economics of Poverty and Discrimination (3 units)
ECON 515 Economics of Crime and Justice (3 units)
ECON 516 Law and Economics (3 units)
ECON 520 Industrial Organization (3 units)
ECON 535/USP 535 Urban Economics (3 units)
ECON 540 Economics of Gender (3 units) (AERM, GP, S,J)
ECON 541 Economics of LGBTQ Issues (3 units)
ECON 550 Environmental Economics (3 units)
ECON 560 Economics of Growth (3 units)
ECON 601 Applied Microeconomics (3 units)
ECON 605 Seminar: History of Economic Thought (3 units)
ECON 611 International Trade Theory and Policy (3 units)
ECON 612 International Finance and Macroeconomics (3 units) (GP)
ECON 616 Experimental Economics and Game Theory (3 units)
ECON 618 Economic Inference: Methods and Applications (3 units)
ECON 620 Economic Development (3 units)
ECON 635/I R 635 Economics of Globalization (3 units)
ECON 640 Health Economics Analysis and Research (3 units)
ECON 651/ENVS 651/FIN 651 Student Managed Fund in Environmental, Social and Governance (ESG) Investments (3 units)
ECON 675 Natural Resource Economics (3 units)
ECON 680 Applied Economics and Data Analysis with R (3 units)
ECON 699 Independent Study (1-3 units)

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