

BACHELOR OF ARTS IN ECONOMICS – ECON ASSOCIATE DEGREE FOR TRANSFER (ADT) ROADMAP

This is a sample pathway for students who transfer to San Francisco State University in the current Bulletin year with an AA-T in Economics. At least six units in the major (ECON 101, ECON 102) and all lower-division GE requirements have been satisfied. Additional units in the major may have been satisfied. Check with a major advisor about the most appropriate course sequence. **Degree completion guaranteed in 60 units; see the Associate Degree for Transfer (ADT) section for more information (<http://bulletin.sfsu.edu/undergraduate-admissions/transfer-students/>).**

To Do at SF State:

Enough total units to reach 120 minimum for graduation; 40 units minimum at the upper-division level; to include the following:

University-Wide Requirements: 9–15 Units

- American Institutions (0–6 units): US History, US Government, California State and Local Government requirements if not taken before transfer.
- Upper-Division GE, Areas B, C, and D (9 units): Courses required for the major may double-count if approved for UD GE.
- Students entering this major with the AA-T in Economics are not required to fulfill SF State Studies requirements.
- Complementary Studies: Consult with a department advisor on how transfer units and SF State units can be applied to ensure degree completion within 60 units.

Economics Major: 33–37 Units

ECON 101 and ECON 102 met in transfer; MATH 226 may have been met in transfer.

- Major Core (15–19 units) - includes Culminating Experience/GWAR course
- Major Electives (18 units)

University Electives: 8 or More Units

Depending on course choices made at the community college, how transferred units are applied to the requirements above, and course choices at SF State. Some courses may meet more than one requirement, e.g., UD GE and the major.

Course	Title	Units
First Semester		
Select One (Major Core, B4):		3-4
DS 110	Calculus with Business Applications	
MATH 110	Business Calculus	
MATH 226	Calculus I	
US History (http://bulletin.sfsu.edu/undergraduate-education/american-institutions/#USHaGR)		3
or University Elective if US History met before transfer		
U.S. and California Government (http://bulletin.sfsu.edu/undergraduate-education/american-institutions/#usg)		3
or University Elective if US/CA Government met before transfer		
GE Area UD-B: Upper-Division Physical and/or Life Sciences		3
University Elective		3
	Units	16
Second Semester		
ECON 301	Intermediate Microeconomic Theory (Major Core)	3
Select One (Major Core):		3
DS 212	Business Statistics	
ECON 311	Statistical Methods and Interpretation	
MATH 124	Elementary Statistics (B4)	
Major Elective (18 units) - Take One ¹		3

University Elective – Take Two		5
	Units	14
Third Semester		
ECON 302	Intermediate Macroeconomic Theory (Major Core)	3
ECON 312	Introduction to Econometrics (Major Core)	3
Major Elective (18 units) - Take Two ¹		6
GE Area UD-C: Upper-Division Arts and/or Humanities		3
	Units	15
Fourth Semester		
ECON 690GW	Senior Seminar: Economic Inquiry and Analysis - GVAR (Major Core)	3
Major Elective (18 units) - Take Three ¹		9
GE Area UD-D: Upper-Division Social Sciences		3
	Units	15
	Total Units	60

¹ **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. These elective courses can be taken in any order as long as the prerequisites are met.

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 505 Public Economics (3 units)

ECON 510/LABR 510 Labor Economics (3 units)

ECON 511/LABR 511 Collective Bargaining (3 units)

ECON 520 Industrial Organization (3 units)

ECON 540 Economics of Gender (3 units) (AERM, GP)

ECON 541 Economics of LGBTQ Issues (3 units)

ECON 550 Environmental Economics (3 units)

ECON 560 Economics of Growth (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)

Upon prior advisement, students may apply a maximum of two courses taken outside the Economics department to the elective requirement. Non-Economics courses approved by the department are included in the list of elective options below. Students should keep in mind that non-Economics courses may require additional prerequisites that are not met in the Economics degree or consent of the instructor.

ACCT 301 Intermediate Financial Accounting I (3 units)

DS 311 Technologies in Data Analytics (3 units)

DS 312 Data Analysis with Computer Applications (3 units)

DS 408 Computer Simulation (3 units)

DS 412 Operations Management (3 units)

DS 612 Data Mining with Business Applications (3 units)

DS 624 Quality Management (3 units)

FIN 350 Business Finance (3 units)

FIN 536 International Finance (3 units)

GEOG 603 Introduction to Geographic Information Systems (3 units)

GEOG 604 Environmental Data Science (3 units)

I R 312 Introduction to International Political Economy (4 units)

ISYS 363 Information Systems for Management (3 units)

MATH 227 Calculus II (4 units)

MATH 228 Calculus III (4 units)

MATH 245 Elementary Differential Equations and Linear Algebra (3 units)

MATH 324 Probability and Statistics with Computing (3 units)

MATH 325 Linear Algebra (4 units)

MATH 338 Introduction to SAS (3 units)

MATH 376 Ordinary Differential Equations I (3 units)

MATH 400 Numerical Analysis (3 units)

MATH 424 Introduction to Linear Models (3 units)

MATH 440 Probability and Statistics I (3 units)

MATH 441 Probability and Statistics II (3 units)

MATH 448 Introduction to Statistical Learning and Data Mining (3 units)