

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE – ENVS 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 AS-T in Environmental Science. Twenty-one units in the major [BIOL and PHYS requirements; CHEM 180; GEOG 101; GEOG 160; MATH 226] and 33 units of lower-division GE 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 (<https://bulletin.sfsu.edu/undergraduate-admissions/transfer-students/>).**

To Do at SF State:

Enough total units to reach 120 minimum for graduation; 30 units minimum at the upper-division level; to include the following:

University-Wide Requirements: 15-21 units

- American Institutions (0-6 units): US History, US Government, CA Government.
- Lower-Division GE (6 units) – Area 3 (3 units in any subarea) and Area 4 (3 units).
- Upper-Division GE (9 units): Courses required for the major and American Institutions may double-count if approved for UD GE.
- Students entering the major with the AS-T in ENVS are not required to fulfill SF State Studies requirements.

Environmental Science Major: 45 units

- BIOL and PHYS Requirements; CHEM 180, GEOG 101, GEOG 160, MATH 226 (21 units) met before transfer.
- Lower-Division Requirements (6 units) if not taken before transfer: GEOG 102, ENV 205.
- Upper-Division Requirements (39 units)

University Electives: 3 or more units

Depends 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., in both UD GE and the major.

Course	Title	Units
First Semester		
ENV 205	Our Environment Through Data (Major Lower-Division Core)	3
or University Elective if taken before transfer		
GEOG 102	The Human Environment (Major Lower-Division Core, GE 4, ES, GP)	3
or University Elective if taken before transfer		

Environmental Systems (11-12 units) - Take One ¹		3
Environmental Management (11-12 units) - Take One ²		4
GE Area 3: Arts and Humanities		3
Units		16
Second Semester		
ENV 500GW	Physical and Human Dimensions of Climate Change - GWAR (Major Upper-Division Core)	3
GEOG 603	Introduction to Geographic Information Systems (Major Upper-Division Core)	3
Environmental Systems (11-12 units) - Take One ¹		4
GE Area 5UD or 2UD: Upper-Division Sciences or Upper-Division Mathematical Concepts		3
University Elective		3
Units		16
Third Semester		
Environmental Systems (11-12 units) - Take One ¹		4
Environmental Management (11-12 units) - Take One ²		3
Analytical Methods (7-8 units) - Take One ⁴		4
Select One (GE 3UD, AERM, USH, USG/CSLG):		3
HIST 470	The U.S. Constitution to 1896	
HIST 471	The U.S. Constitution Since 1896	
Units		14
Fourth Semester		
ENV 690	Capstone Seminar (Major Capstone)	3
Environmental Management (11-12 units) - Take One ²		4
Analytical Methods (7-8 units) - Take One ⁴		4
GE Area 4UD: Upper-Division Social and Behavioral Sciences		3
Units		14
Total Units		60

¹ **Environmental Systems Electives (11-12 units)**
A full list of courses that can fulfill this requirement can be found in the Degree Requirements (<https://bulletin.sfsu.edu/colleges/liberal-creative-arts/political-science/ba-political-science/#degreerequirementstext>). (<https://bulletin.sfsu.edu/colleges/science-engineering/environment/bs-environmental-science/#degreerequirementstext>)

² **Environmental Management Electives (11-12 units)**
A full list of courses that can fulfill this requirement can be found in the Degree Requirements (<https://bulletin.sfsu.edu/colleges/liberal-creative-arts/political-science/ba-political-science/#degreerequirementstext>). (<https://bulletin.sfsu.edu/colleges/science-engineering/environment/bs-environmental-science/#degreerequirementstext>)

³ **Analytical Methods Electives (7-8 units)**
A full list of courses that can fulfill this requirement can be found in the Degree Requirements (<https://bulletin.sfsu.edu/colleges/liberal-creative-arts/political-science/ba-political-science/>)

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