

Bold= must take courses & pass before applying

Green= Undergraduate courses
Orange= Graduate Courses

SF State Scholars Earth Sciences Roadmap

****Students must meet with their advisor prior to registering for courses. This roadmap is designed for general planning ONLY! Roadmaps for more than 5 years plan may vary please consult with your department.**

Freshman

Sophomore

Junior

Senior

Graduate

Fall	Spring
CHEM 115	MATH 227
MATH 226	PHYS 111/112 or PHYS 220/222
ENG 114	Area A
Area A	Area E
15 Units (15 total)	14 Units (29 total)

Fall	Spring
PHYS 121/122 or PHYS 240/242	ERTH 500
ERTH 400	Major Emphasis
Area B2	Area C
Area C	Area D
Area D	Area D
16 Units (45 total)	16 Units (61 total)

Fall	Spring
ERTH 205	ERTH 505
Major Emphasis	Major Emphasis
Major Emphasis	Major Emphasis
Area UD-B	Area UD-D
Area UD-B	Area UD-C
14 Units (77 total)	17 Units (94 total)

Apply to SF Scholars

3.0 GPA

Fall	Spring
Major Emphasis	ERTH 600 GW
Major Emphasis	Major Emphasis
Major Emphasis	Major Emphasis
Culminating Experience	ERTH 690
ERTH 700	ERTH 701
	Grad Elective
17 Units (110 total)	16 Units (127 total)

Fall	Spring
ERTH 702	ERTH 897
ERTH 897	Grad Elective
Grad Elective	ERTH 898
Grad Elective	
Grad Elective	
14 Units (141 total)	10 Units (151 total)

Minimum Units required for Bachelors =120
Minimum Units required for Masters = 30