

Major/Degree: Environmental Science and Management BS: Energy & Climate Concentration [ESMC]

Units for the major: 78 Total units: 120 units required for this BS degree

Major Academic Plans (MAP) show a general recommended pathway to graduation. Meet with your major advisor each semester to discuss your progress and degree plan for future semesters. Consult the HSU catalog for complete list of major program courses. See the current schedule of classes for courses offered in General Education, American Institutions, and Diversity & Common Ground requirements. This MAP is based on the 2020-21 catalog.

Freshman Year

Fall (semester 1)			Spring (semester 2)		
Description	Course	Units	Description	Course	Units
LD GE A2 [1]	COMM 100	3	LD GE A1 [1]	ENGL 102 (+ optional ENGL 110)	3
Major; LD GE B:Math	MATH 101 (3) or MATH 101i + MATH 1 (4)	3-4*	Major; LD GE D	ESM 105	3
LD GE E	SCI 100	3	Major; LD GE D	GSP 101/L	3
Major; LD GE B:Life	BOT 105	4	American Institutions	NAS 200 (U.S. History and DCG)	3
			Prerequisite	MATH 101T	3

*1 unit math support course does not count toward degree. Semester Total: 13

Semester Total: 15

Sophomore Year

Fall (semester 3)			Spring (semester 4)		
Description	Course	Units	Description	Course	Units
Major [Concentration]	PHYX 106	4	Major [Concentration]	PHYX 107	4
LD GE A3 [1]	Critical Thinking course	3	Major [Core]	ESM 230	3
Major [Core]	STAT 109	4	Major; LD GE B:Phys	CHEM 107	4
Major [Concentration]	MATH 105	3	Major [Concentration]	ECON 104	3
LD GE A1	ENGL 103 (+ optional ENGL 110)	3	LD GE C1 or C2	Double count LD C and DCG [4]	3

Semester Total: 17

Semester Total: 17

Junior Year

Fall (semester 5)			Spring (semester 6)		
To Do: Apply to graduate.			To Do: Take the GWPE.		
Description	Course	Units	Description	Course	Units
Major; UD GE B	ESM 303	4	Major; UD GE D	ESM 305	3
Major [Core]	ESM 325	3	Major [Concentration]	ENGR 305	3
Major [Concentration]	Restricted elective [7]	3	Major [Concentration]	ESM 370	3
American Institutions	PSCI 110 or PSCI 159 or FOR 359	3	LD GE C1 or C2	lower division Area C GE	3
LD GE C1 or C2	lower division Area C GE	3	Elective	Elective	3

Semester Total: 16

Semester Total: 15

Senior Year

Fall (semester 7)			Spring (semester 8)		
			To Do: Register for commencement.		
Description	Course	Units	Description	Course	Units
Major [Concentration]	ECON 450	4	Major [Concentration]	ESM 425	3
Major [Concentration]	ESM 411	3	Major [Concentration]	Restricted elective [6]	3
Major [Concentration]	ENGR 371	3	Major [Concentration]	Restricted elective [6]	3
Major [Concentration]	Restricted elective [7]	3	UD GE C	UD GE Area C (recommend ESM 309B)	3
Major [Concentration]	ESM 435	2			

Semester Total: 15

Semester Total: 12

A1=Written Communication; A2 = Oral Communication; A3 = Critical Thinking; C1 = Arts; C2 = Humanities;

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Notes

[1] Requirement: Complete LD GE A1, A2, A3 & B: Math with C- or higher in each course; Complete by 60 units earned.

[2] One American Institution course will also count for LD GE D.

[3] Science Lab Requirement: Take one science course with a lab.

[4] Complete 2 DCG courses, (one must be domestic) with courses that also meet GE.

[5] Consult with your major advisor.

[6] ECON 423, GEOG 301, GSP 270, ESM 309B, ESM 435 or other upon approval from your advisor.

[7] CHEM 370, OCN 420 (requires OCN 109 pre-req) OR WSHD 458.

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