

**Major/Degree: Environmental Resources Engineering**

Units for the Major: 96

Total units for the degree: 120

Major Academic Plans (MAP) show a general recommended pathway to graduation. Use this MAP to help build your individualized degree plan. 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)		
Requirement	Course	Units	Requirement	Course	Units
American Institutions [2]		3	LD GE B: Math <sup>[1]</sup>	MATH 101T	3
LD GE A1 <sup>[1]</sup>	ENGL 104 (+ optional ENGL 110)	3-4	LD GE B: Life; Major BIOL 105		4
LD GE B: Math <sup>[1]</sup>	MATH 101 or (MATH 101i & MATH 1)	3-4*	Major [Core]	CHEM 110	5
LD GE B: Phys; Major CHEM 109 <sup>[3]</sup>		5	Major [Core]	ENGR 115	3
Semester Total: 14-16			Semester Total: 15		

\*1 unit math support course does not count toward degree

**Sophomore Year**

Fall (semester 3)			Spring (semester 4)		
Requirement	Course	Units	Requirement	Course	Units
LD GE C1 or C2 <sup>[4,7]</sup>		3	American Institutions <sup>[2]</sup>		3
LD GE B: Math <sup>[1]</sup>	MATH 109	4	LD GE C1 or C2 <sup>[4,7]</sup>		3
Major [Core]	ENGR 215	3	LD GE C1 or C2 <sup>[4,7]</sup>		3
Major [Core]	ENGR 351	4	Major [Core]	MATH 110	4
			Major [Core]	ENGR 210	3
Semester Total: 14			Semester Total: 16		

**Junior Year**

Fall (semester 5) To Do: Apply to Graduate			Spring (semester 6) To Do: Take the GWPE.		
Requirement	Course	Units	Requirement	Course	Units
UD GE C or D <sup>[4,7]</sup>		3	Major [Core]	ENGR 322	4
Major [Core]	MATH 210	4	Major [Core]	ENGR 325	3
Major [Core]	ENGR 211	3	Major [Core]	ENGR 331	3
Major [Core]	ENGR 225	3	Major [Core]	PHYX 211	4
Semester Total: 13			Semester Total: 14		

**Senior Year 1**

Fall (semester 7)			Spring (semester 8) To Do: Register for commencement		
Requirement	Course	Units	Requirement	Course	Units
Major [Core]	ENGR 313	3	Major [Core]	ENGR 416	3
Major [Core]	ENGR 326	3	Major [Core]	ENGR 440	3
Major [Core]	ENGR 330	3	Major [Concentration] <sup>[5]</sup> ENGR Design Elective 1		3
Major [Core]	ENGR 333	4	Major [Concentration] <sup>[5]</sup> ENGR Design Elective 2		3
			Major [Concentration] <sup>[5]</sup> Science Elective		3
Semester Total: 14			Semester Total: 15		

**Senior Year 2**

Fall (semester 9)		
Requirement	Course	Units
UD GE C or D <sup>[4,7]</sup>		3
Major [Core]	ENGR 410	3
Major [Concentration] <sup>[5]</sup> ENGR Design Elective 3		3
Major [Core]	ENGR 492	3
Semester Total: 12		

## Major/Degree: Environmental Resources Engineering

Notes:

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

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

[3] This major course meets LD GE B Science lab requirement: Take one science course with a lab.

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

[5] Select major elective in consultation with major advisor.

[6] LD GE Area A2 [Communication], A3 [Critical Thinking], D3 [excluding the two required Institution courses], UD GE Area B and Area E are met by the completion of all ERE major coursework.

*The CSU is committed to providing equal opportunities to men and women CSU students in all campus programs, including intercollegiate athletics.  
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