

Major/Degree: Environmental Resources Engineering BS

Units for the major: 96

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 A1 [1]	ENGL 104 (+optional ENGL 110)	3-4	American Institutions [2]		3
LD GE B: Math; Major	MATH 109 [6]	4	Major [Core]	MATH 110	4
LD GE B: Phys; Major	CHEM 109 [3]	5	Major [Core]	CHEM 110	5
Major [Core]	ENGR 115	3	Major [Core]	ENGR 215	3
Elective	ENGR 280	1			
Semester Total: 16-17			Semester Total: 15		

**Sophomore Year**

Fall (semester 3)			Spring (semester 4)		
Description	Course	Units	Description	Course	Units
LD GE B: Life; Major	BIOL 105	4	LD GE C1 or C2 [4,7]		3
LD GE C1 or C2 [4,7]		3	Major [Core]	ENGR 211	3
American Institutions [2,7]		3	Major [Core]	ENGR 225	3
Major [Core]	MATH 210	4	Major [Core]	ENGR 330	3
Major [Core]	ENGR 210	3	Major [Core]	ENGR 351	4
Semester Total: 17			Semester Total: 16		

**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 [Core]	ENGR 322	4	LD GE C1 or C2 [4,7]		3
Major [Core]	ENGR 325	3	Major [Core]	ENGR 313	3
Major [Core]	ENGR 331	3	Major [Core]	ENGR 326	3
Major [Core]	PHYX 211	4	Major [Core]	ENGR 333	4
			Major [Concentration] [5]	Science Elective	3
Semester Total: 14			Semester Total: 16		

**Senior Year**

Fall (semester 7)			Spring (semester 8)		
			To Do: Register for commencement.		
Description	Course	Units	Description	Course	Units
UD GE C or D [4,7]		3	UD GE C or D [4,7]		3
Major [Core]	ENGR 416	3	Major [Core]	ENGR 410	3
Major [Core]	ENGR 440	3	Major [Concentration][5]	ENGR Design Elective 3	3
Major [Concentration] [5]	ENGR Design Elective 1	3	Major [Core]	ENGR 492	3
Major [Concentration] [5]	ENGR Design Elective 2	3			
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] Two 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 must be domestic) with courses that also meet GE.

[5] Select major elective in consultation with major advisor

[6] This plan assumes student is prepared for MATH 109 Calculus I

[7] 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.

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the Department of Environmental Resources Engineering

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