HUMBOLDT STATE UNIVERSITY

Major Academic Plan: ENGL102+MATH101

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)

Requirement	Course	Units
American Institutions [2]		3
LD GE A1 [1]	ENGL 102 (+ optional ENGL 110)	3-4
LD GE B: Math [1]	MATH 101 or MATH 101i + MATH 1	3-4*
LD GE B: Phys; Major	CHEM 109[3]	5
	Semester Total:	14-16

Spring (semester 2)

Requirement	Course	Units
LD GE B: Math [1]	MATH 101T	3
LD GE A1 [1]	ENGL 103 (+ optional ENGL 110)	4
Major [Core]	CHEM 110	5
Major [Core]	ENGR 115	3
	Semester Total:	15

*1 unit math support course does not count toward degree

Sophomore Year

Fall (semester 3)

Requirement	Course	Units
LD GE C1 or C2 [4,7]		3
LD GE B: Math [1]	MATH 109	4
Major [Core]	ENGR 215	3
LD GE B: Life; Major [Core]	BIOL 105	4
	Semester Total:	14

Spring (semester 4)

Requirement	Course	Units
American Institutions [2]		3
Major (Core)	ENGR 351	4
Major [Core]	ENGR 210	3
Major [Core]	MATH 110	4
	Semester Total:	14

Junior Year

Fall (semester 5) To Do: Apply to Graduate

Requirement	Course	Units
LD GE C1 or C2	[4,7]	3
LD GE C1 or C2	[4,7]	3
Major [Core]	MATH 210	4
Major [Core]	ENGR 211	3
Major [Core]	ENGR 225	3
	Semester Total:	16

Spring (semester 6) To Do: Take the GWPE.

Requirement	Course	Units
Major [Core]	ENGR 322	4
Major [Core]	ENGR 325	3
Major [Core]	ENGR 331	3
Major [Core]	PHYX 211	4
	Semester Total:	14

Senior Year1

Fall (semester 7)

Requirement	Course	Units
Major [Core]	ENGR 313	3
Major [Core]	ENGR 326	3
Major [Core]	ENGR 330	3
Major [Core]	ENGR 333	4
	Semester Total:	14

Spring (semester 8) To Do: Register for commencement

Requirement	Course	Units
Major [Core]	ENGR 416	3
Major [Core]	ENGR 440	3
Major [Concentration] [5]	ENGR Design Elective 1	3
Major [Concentration] [5]	ENGR Design Elective 2	3
UD GE C or D [4,7]		3
	Semester Total:	15

Senior Year 2

Fall (semester 9)

Requirement	Course	Units
UD GE C or D [4,7]		3
Major [Core]	ENGR 410	3
Major [Concentration] [5]	ENGR Design Elective 3	3
Major [Concentration] [5]	Science Elective	3
Major [Core]	ENGR 492	3
	Semester Total:	15

A1=Written Communication; A2=Oral Communication; A3=Critical Thinking; C1=Arts; C2=Humanities; DCG=Diversity & Common Ground

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.