

Major Map

BULLETIN YEAR: 2020-2021 **Degree:** B.S.

Major: ENVIRONMENTAL SCIENCE

The major map illustrates one path to completing your major, based on faculty members' advice on course sequence and a department's tentative plans for scheduling courses. This document provides general direction. For more specific advice and up to date schedules, it is expected that students will regularly discuss their plans of study with academic advisors and monitor the current class schedules as students are responsible for ensuring that all requirements for graduation have been met.

Course	Cr. Hrs.	Course	Cr. Hrs.
FIRST YEAR			
Semester: Fall Total Credit Hours: 11		Semester: Spring Total Credit Hours: 12	
ENS 101QR – Intro to Env Sci	3	ENV 101 – Intro to Env Studies	3
CHM 131 ¹ – General Chemistry I	4	ENS 211 – Intro to Prof Devel in Env Sci	1
MTH 130 ² – Pre-Calculus Mathematics	4	CHM 132 – General Chemistry II	4
		MTH 132 – Calculus I	4
Course	Cr. Hrs.	Course	Cr. Hrs.
SOPHOMORE YEAR			
Semester: Fall Total Credit Hours: 11		Semester: Spring Total Credit Hours: 9	
MET 310 – Climatology & Climate Chg	3	ENS 323 – Biogeochemical Cycling	3
MTH 133 – Calculus II	4	GEL 308 – Water Rsrcs & Hydrol Process	3
PHY 145QR – University Physics I	4	STA 382QR – Elem Statistical Anal	3
Course	Cr. Hrs.	Course	Cr. Hrs.
JUNIOR YEAR			
Semester: Fall Total Credit Hours: 7-8		Semester: Spring Total Credit Hours: 9-11	
ENS 307 – Env Field Sampling & Lab Anal	4	ENS 401WI – Quantitative Env Data Anal	3
Elective I Course ³	3-4	Elective I Course ³	3-4
		Elective I Course ³	3-4
Course	Cr. Hrs.	Course	Cr. Hrs.
SENIOR YEAR			
Semester: Fall Total Credit Hours: 9-10		Semester: Spring Total Credit Hours: 7	
GEL 380WI – Hydrogeology	4	ENS 409 – Prof Devel in ENS and GEL	1
Required Course III ³	3	Required Course IV ³	3
Elective II Course ³	2-3	Elective II Course ³	3
Course	Cr. Hrs.	Course	Cr. Hrs.
FIFTH YEAR (IF NEEDED)			
Semester: Total Credit Hours:		Semester: Total Credit Hours:	

120 hours minimum required for graduation

40 hours 300 level or above required

Notes: Students are strongly encouraged to meet with academic advisors every semester.

This is a SAMPLE major map only. Completing these courses in this order would satisfy all major requirements for graduation. The ENS courses must be taken in this order. It is up to you when other University Program, Competencies, Bachelor of Science degree requirements, and Minor requirements (if any) are taken.

¹ CHM 141 and CHM 142 may be taken as an alternate to the CHM 131 – CHM 132 sequence.

² Not required, but recommended if a student's placement scores suggest MTH 130 is an appropriate first math course.

³ Select from options listed in the Undergraduate Bulletin.