

Environmental Engineering B.S.E.V.

4- Year Plan of Study

Items marked with a ☒ are critical for the student to remain on track for graduation.

Notes

The Plan of Study is a static review of the degree. Connect with your major advisor for a personalized path toward graduation.

Potential Entry Level Job Titles:

Environmental/Water Resource Engineer ◦ Air Quality Engineer ◦ Environmental Remediation Engineer ◦ Environmental Health and Safety Director ◦ Environmental Regulator / Policy Specialist ◦ Environmental Analyst

Potential Entry Level Salary Range:

\$68,000 - \$85,000

Semester 1 - Fall

Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	CHM 2045 - General Chemistry I	3
<input type="checkbox"/>	CHM 2045L - General Chemistry I Lab	1
<input checked="" type="checkbox"/>	EGN 3000 - Foundations of Engineering	0
<input type="checkbox"/>	EGN 3000L - Foundations of Engineering Lab	3
<input type="checkbox"/>	ENC 1101 - Composition I	3
<input checked="" type="checkbox"/>	MAC 2311 - Calculus I	4
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 2 - Spring

Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	CHM 2046 - General Chemistry II	3
<input type="checkbox"/>	CHM 2046L - General Chemistry II Lab	1
<input type="checkbox"/>	ENC 1102 - Composition II	3
<input checked="" type="checkbox"/>	MAC 2312 - Calculus II	4
<input checked="" type="checkbox"/>	PHY 2048 - General Physics I	3
<input type="checkbox"/>	PHY 2048L - General Physics I Laboratory	1
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 3 - Summer		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	Consider pursuing an Education Abroad, Internship, Community Engagement, or Research Experience in the Summer term.	0
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 4 - Fall		
Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	EGN 3311 - Statics	3
<input type="checkbox"/>	ENV 2061 - Eng Sustainable & Healthy Envs	2
<input checked="" type="checkbox"/>	MAC 2313 - Calculus III	4
<input checked="" type="checkbox"/>	PHY 2049 - General Physics II	3
<input type="checkbox"/>	PHY 2049L - General Physics II Laboratory	1
<input type="checkbox"/>	Apply for Progression to Upper Division	0
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 5 - Spring		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	EGN 1113 - Intro to Design Graphics	3
<input type="checkbox"/>	EGN 3353 - Basic Fluid Mechanics	3
<input type="checkbox"/>	EGN 4453 - Numerical & Computer Tools I	3
<input checked="" type="checkbox"/>	ENV 4001 - Environmental Systems Engr	3
<input type="checkbox"/>	ENV 4004L - Environmental Engineering Lab	1
<input type="checkbox"/>	EGN 3433 OR MAP 2302	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 6 - Summer		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	AMH 2010 OR AMH 2020 OR POS 2041 (SCIV/SGES)	3
<input type="checkbox"/>	BSC 2010 - Bio I - Cellular Processes	3
<input type="checkbox"/>	BSC 2010L - Bio I Cellular Processes Lab	1
<input type="checkbox"/>	EGN 2615 - Economical Analysis Of Systems	3
<input type="checkbox"/>		

Semester 7 - Fall		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	EGN 2440 - Prob & Statistics With Calc	3
<input type="checkbox"/>	EGN 3343 - Thermodynamics I	3
<input type="checkbox"/>	ENV 4053C - Chemical Fate & Transport	3
<input type="checkbox"/>	General/Unrestricted Elective	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 8 - Spring		
Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	CWR 4202 - Hydraulics	3
<input type="checkbox"/>	CWR 4202L - Civil Eng Hydraulics Lab	1
<input type="checkbox"/>	ENV 4612 - Green Engineering for Sustain	3
<input type="checkbox"/>	GLY 3850 - Geology For Engineers	3
<input type="checkbox"/>	Gen-Ed State Humanities (SGEH)	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 9 - Summer		
Crit	Course/Requirement	Credits
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 10 - Fall		
Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	CWR 4540 - Water Resources Engineering I	3
<input type="checkbox"/>	ENV 4102 - Air Pollution Fundamentals	3
<input checked="" type="checkbox"/>	ENV 4417 - Water Quality & Treatment	3
<input type="checkbox"/>	ENV 4620 - ENVISION Sustain Communities	3
<input type="checkbox"/>	Gen-Ed USF Humanities (UGEH)	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 11 - Spring		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	CGN 4122 - Prof/Ethical Issues in Engr	3
<input type="checkbox"/>	CWR 4812 - Capstn Wtr Resources/Envr Dsgn	3
<input type="checkbox"/>	ENV 4071 - Environmental Site Assessment	3
<input type="checkbox"/>	General/Unrestricted Elective	3
<input type="checkbox"/>	Apply for Graduation	0
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		