

## PlusOne Curriculum for BS in Environmental Engineering/MS in Environmental Engineering

### BS in Environmental Engineering CURRICULUM OUTLINE - CLASS OF 2022

*Sample Only – Actual Curriculum Sequence May Deviate from Sample*

	FALL		SPRING		SUMMER 1		SUMMER 2		
Year 1	<a href="#">MATH1342</a>	Calculus 2 for Engrs.	4	<a href="#">MATH2321</a>	Calculus 3 for Engrs.	4	Elective	General Elective	4
	<a href="#">CHEM1151</a>	General Chem. for Engrs.	4	<a href="#">PHYS1151</a>	Physics 1 for Engrs.	3	Elective	General Elective	4
	<a href="#">CHEM1153</a>	Recitation for CHEM1151	0	<a href="#">PHYS1152</a>	Physics 1 Lab	1			
	<a href="#">GE 1501</a>	Cornerstone Eng'g. 1	4	<a href="#">PHYS1153</a>	ILS for PHYS1151	1			
	<a href="#">GE 1000</a>	Intro. to Eng.	1	<a href="#">GE 1502</a>	Cornerstone Eng'g. 2	4			
	<a href="#">ENGW1111</a>	First Year Writing	4	Elective	General Elective	4			Vacation
Year 2 (MC)	<a href="#">MATH2341</a>	Diff. Eq./Lin. Alg.	4	<a href="#">CIVE3430</a>	Eng'g Microbiology and Ecology	4	<i>Elective</i>	<i>Grad Course #1</i> (General Elective)	4
	<a href="#">CIVE2260</a>	Materials	4	<a href="#">ENCP2000</a>	Intro to Eng'g. Co-op	1			
	<a href="#">CIVE2261</a>	Meas./Matls. Lab	1	<a href="#">CIVE2335</a>	Environmental Eng'g. Chemistry	4	Elective	Science Elective (Earth)	4
	<a href="#">CIVE2221</a>	Statics & Strength	4	<a href="#">CIVE2331</a>	Fluid Mechanics	4			
	<a href="#">CIVE2222</a>	Recitation for CIVE2221	0	<a href="#">GE 3300</a>	Energy Systems: Science, Tech., & Sustainability	4			
	<a href="#">CIVE2334</a>	Environ. Eng'g. 1	4						Co-op
Year 3 (MC)		Co-op		<a href="#">CIVE3435</a>	Environmental Pollution Fate and Transport	4	<i>Elective</i>	<i>Grad Course #2</i> (General Elective)	4
				Elective	Technical Elective	4	Elective	General Elective	4
				<a href="#">CIVE3464</a>	Prob./Eng'g. Econ.	4			
				<a href="#">CIVE4534</a>	Environmental Engineering 2	3			
			<a href="#">CIVE4535</a>	Lab for CIVE 4535	1				Co-op
Year 4 (MC)		Co-op		<a href="#">CIVE4765</a>	Sr. Design Project - Environmental	5			
				Elective	Technical Elective	4			
				<i>Elective</i>	<i>Grad Course #3</i>	4			
					(Technical Elective)				
				<a href="#">ENCP3000</a>	Prof. Issues in Eng'g.	1			
			<a href="#">CIVE5300</a>	<i>Environ. Engineering Laboratory</i> (required for BS and MS)	4				Co-op

Revised version, 02/23/2018

\*ENGW3315 Interdisciplinary Advanced Writing is an acceptable substitution for engineering majors.

#### BS in Environmental Engineering - Requirements:

You will need to have AP credit for Calc. AB (MATH1341 - Calculus 1 - 4 SH) - see advisor

**General Electives:** Six (6) courses are required.

General electives are academic, non-remedial, non-repetitive courses.

**Nupath requirements:** Interpreting Culture (IC), Societies and Institutions (SI), and Differences and Diversity (DD) are not explicitly satisfied by required engineering courses. Students are responsible for

**Science Elective:** One (1) course is required.

See the undergraduate catalog for the list of approved Science Electives.

**Technical Electives:** Three (3) courses are required.

See the undergraduate catalog for the list of Technical Electives.

**Senior Design Project (Capstone elective):** One (1) course required, either CIVE 4765 (Environmental)

### MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING CURRICULUM

	FALL		SPRING			
PlusOne Year	Elective	Grad. Course #5	4	Elective	Grad. Course #7	4
	Elective	Grad. Course #6	4	Elective	Grad. Course #8	4

#### MS in Environmental Engineering - Requirements:

Students must take 32 credits of graduate coursework that satisfy MS requirements found in the Graduate Catalog

For more information about the PlusOne program or for assistance with applying to the program, please contact the Graduate Student Services Team at support@husky.desk-mail.com.

Course sequence may be changed, subject to prerequisite requirements.

[Please consult with your Academic Advisor, found here.](#)

The registrar's website provides a listing of degree requirements and the DARS system provides a degree audit utility for students.

