

Environmental Engineering Technology - Water & Wastewater Management

Engineering & Information Technologies

2020-2021 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
CHE-XXX	Chemistry Elective		3	3	4
ENG-101	English Composition 1		3	0	3
EVS-110	Environmental Science: Conservation & Cleanup		3	2	4
EVT-105	Environmental Sampling		2	3	3
FYE-1XX	First Year Experience Elective		1	0	1
MAT-XXX	Mathematics Elective 1		4	0	4
					19

Semester 2					
EVT-140	Environmental Regulations and Permits	EVS 110 and ENG 101	1	2	2
EVT-150	Environmental Chemistry	CHE 110 or CHE 121	2	3	3
EVT-16X	Calculations for Operators Elective		2	2	3
EVT-170	Water and Wastewater Treatment and Analysis	EVS 110, and CHE 110 or CHE 121	3	3	4
MAT-XXX	Mathematics Elective 2		4	0	4
					16

Semester 3					
XXX-XXX	Cooperative Education Elective		1	40	2
					2

Semester 4					
EVT-185	Supervisory Management in Environmental Fields	EVS 110 and ENG 101	1	2	2
EVT-215	Utilities Safety and Security	EVT 170	1	2	2
EVT-230	Treatment Technologies	EVT 170	2	2	3
EVT-240	Fluid Mechanics	MAT 126 or MAT 152	3	3	4
EVT-24X	Operations of Treatment Plants Elective	EVT 16X	2	2	3
					14

Semester 5					
EVT-292	Full-Time Cooperative Education 2: EVT	EVT 191 or EVT 291	1	40	2
					2

Semester 6					
ENG-10X	English Composition Elective	ENG 101	3	0	3
EVT-155	Site Mapping and GIS	MAT 125 or MAT 151	2	3	3
EVT-250	Water Collection and Distribution Systems	EVT 240	2	2	3
XXX-XXX	Arts/Hum or Social/Behavioral Sci Elective		3	0	3
XXX-XXX	Statistics Elective		1	2	2
					14

Total **67**

Chemistry Elective: CHE 110 or CHE 121 & CHE 131

Calculations for Operators Elective: EVT 165, EVT 166

Cooperative Education Elective: CIT 190 & EVT 191, EVT 191 & EVT 192, or EVT 291

English Composition Elective: ENG 102, ENG 103, ENG 104, ENG 105

First Year Experience: FYE 100, FYE 105, FYE 110

Arts/Humanities or Social/Behavioral Sciences Electives: Any ART, CRJ, CULT, ECO, FRN, GEO, HST,

LIT, MUS, PHI, POL, PSY, REL, SOC, SPN, THE

Math Electives: Take one of the following series: MAT 125 and MAT 126; MAT 151 and MAT 152; or MAT 251 and MAT 252

Operations of Treatment Plant Electives: EVT 245, EVT 246

Statistics Elective: EVT 180, MAT 131