

**Environmental Engineering Degree  
Standard Schedule of Coursework**

**Fall Semester**

**Freshman Year**

Courses		Credits
<b>CIVE 102</b>	Intro: CE/EV Engineering	3
<b>MATH 160</b>	Calc for Phy Sci I	4
<b>CHEM 111</b>	Gen. Chem. I	4
<b>CHEM 112</b>	Gen. Chem Lab I	1
<b>Arts/Hum (3B)</b>		3
		<b>15</b>

**Spring Semester**

Courses		Credits
<b>CIVE 103</b>	Eng Graphics & Comp	3
<b>MATH 161</b>	Calc for Phy Sci II	4
<b>CHEM 113</b>	Gen. Chem II	3
<b>CHEM 114</b>	Gen. Chem Lab II	1
<b>COMP 150</b>	College Comp	3
<b>Arts/Hum (3B)</b>		3
		<b>17</b>

**Sophomore Year**

Courses		Credits
<b>CIVE 260</b>	Engr Mech: Statics	3
<b>CHEM 245</b>	Organic Chem	4
<b>MATH 261</b>	Calc for Phy Sci III	4
<b>PH 141</b>	Phys for Sci/Eng I	5
		<b>16</b>

Courses		Credits
<b>ME 237</b>	Intro Thermal Sci	3
<b>M 340</b>	Intro to Ord Diff Eq	4
<b>PH 142</b>	Phys for Sci/Eng II	5
<b>CIVE 261</b>	Engr Mech: Dynamics	3
		<b>15</b>

**Junior Year**

Courses		Credits
<b>CIVE 360</b>	Mechanics of Materials	3
<b>CIVE 300</b>	Fluid Mechanics	4
<b>STAT 309</b>	Stat Engr/Sci	3
<b>ECON 202</b>	Prin of Microecon	3
<b>LIFE 102</b>	Intro Living Systems	4
		<b>17</b>

Courses		Credits
<b>ENVE 322</b>	Basic Hydrology	3
<b>ENVE 438</b>	Pollution Control	4
<b>CIVE 441</b>	Env Engr Lab	1
<b>CIVE 425</b>	Soil & Water Engr	3
<b>Engr. Technical Elective</b>		3
<b>Technical Elective</b>		3
		<b>17</b>

**Senior Year**

Courses		Credits
<b>CIVE 402</b>	Senior Design Principles	3
<b>CIVE 439</b>	Pollution Control Engr	3
<b>ERHS 446</b>	Environ. Toxicology	3
<b>Technical Elective</b>		3
<b>MIP 300</b>	General Microbiology	3
<b>MIP 301</b>	Gen Microbiology Lab	1
		<b>16</b>

Courses		Credits
<b>CIVE 403</b>	Senior Project Design	3
<b>CIVE 401</b>	Hydraulic Engr	3
<b>Technical Elective</b>		2
	Adv. Writing	3
<b>Global &amp; Cultural (3E)</b>		3
<b>Hist Persp (3D)</b>		3
		<b>17</b>

*Grand Total 130 credits*