



OSU - College of Engineering, Architecture & Technology

Civil Engineering

Environmental Option

2023-2024

Semester 1 - 17 credit hours	Semester 2 - 17 credit hours	Semester 3 - 17 credit hours	Semester 4 - 15 credit hours
<p><u>ENGR 1412</u> Engr Prgm</p> <p>MATH 1513 or ALEKS 56</p> <p><u>1CHEM 1414</u> Chem for Engr</p> <p><u>ENGR 1111</u> Intro to Engr</p> <p>MATH 1813 or ALEKS 75</p> <p><u>MATH 2144</u> Calc I</p> <p><u>2ENGL 1113</u> Comp I</p> <p><u>POLS 1113</u> Am Govt</p> <p>CIVE 2081 CIVE 3813 CIVE 3833 CIVE 3843</p> <p>PHYS 2014 MATH 2153 ENSC 2113 CIVE 3614</p> <p>ENGL 1213 ENGL 3323</p>	<p><u>7BIOL or BIOC</u> Science Elective</p> <p><u>ENGR 1322</u> AutoCad</p> <p>MATH 2144</p> <p><u>PHYS 2014</u> Physics I</p> <p>MATH 2144</p> <p><u>MATH 2153</u> Calc II</p> <p><u>HIST 1103</u> Survey of Am Hist</p> <p>ENSC 2113 PHYS 2114 CIVE 3833 CIVE 3843</p> <p>MATH 2163 MATH 2233 ENSC 3233 IEM 3503</p>	<p>Sophomore Standing</p> <p><u>4CIVE 2041</u> Soph Seminar</p> <p>PHYS 2014</p> <p><u>ENSC 2113</u> Statics</p> <p>PHYS 2014</p> <p><u>1PHYS 2114</u> Physics II</p> <p>MATH 2153</p> <p><u>MATH 2163</u> Calc III</p> <p><u>SPCH 2713</u> Intro to Speech (S)</p> <p>MATH 2153</p> <p><u>MATH 2233</u> Diff Eq</p> <p>ENSC 2123 ENSC 2143 ENSC 3233</p> <p>STAT 4033/4073</p>	<p>ENSC 2113</p> <p><u>ENSC 2143</u> Strengths</p> <p>CIVE 3714 CIVE 3413</p> <p>Concurrent or after ENSC 2143</p> <p><u>ENSC 2141</u> Strengths lab</p> <p>ENSC 2113 MATH 2153</p> <p><u>ENSC 3233</u> Fluids</p> <p>CIVE 3813 CIVE 3833 CIVE 3843 CIVE 4833</p> <p>Concurrent or after ENSC 3233</p> <p><u>ENSC 3231</u> Fluids lab</p> <p>ENSC 2113</p> <p><u>ENSC 2123</u> Dynamics</p> <p>CHEM 1414</p> <p><u>1CIVE 2081</u> ENVR CHEM</p> <p>CIVE 3813</p> <p>MATH 2144</p> <p><u>CIVE 3614</u> Surveying</p> <p>CIVE 3633</p>

- Students have the option to take CHEM 1314 and 1515. If students take CHEM 1515 then CIVE 2081 is not required.
- If a 'C' is earned in **ENGL 1113**, then **ENGL 1213** is required. This will count for the second English requirement. If a 'A' or 'B' is earned in ENGL 1113, then student can choose ENGL 1213 or ENGL 3323. Must have Junior standing to take ENGL 3323.
- Min 6 hrs (H). Preferred that these courses should include the International Dimension (I) & Diversity (D) requirement. However the (I) & (D) can be taken as separate classes. 3 hrs (S) is met with SPCH 2713
- CIVE 2041 & 4041 are offered during the fall semester only.**
- CIVE 3853, 3523, 3833, & 3843 are offered during the spring semester only.**
- Controlled Elective - 4000 or 5000-level courses in Civil Engineering not required in the curriculum**
- Science elective options - BIOL 1113 and 1111 or BIOC 2344**

Classes in shaded boxes require a C or better.



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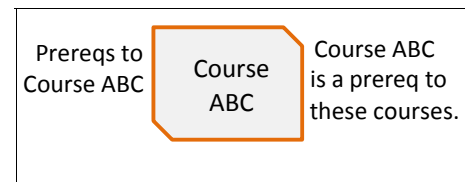
Civil Engineering

Environmental Option

2023-2024

Semester 5 - 16 credit hours	Semester 6 - 15 credit hours	Semester 7 - 16 credit hours	Semester 8 - 15 credit hours
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid gray; padding: 5px; width: 30px; text-align: center;">³H</div> <div style="border: 1px solid gray; padding: 5px; width: 30px; text-align: center;">³D</div> </div>	Min C in ENSC 3233 PHYS 2014 CHEM1414 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵CIVE 3833 Hydraulics </div> CIVE 4143	<div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> CIVE 4273 Const Proj Mgmt </div>	MATH 2153 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵IEM 3503 Engr Econ </div>
Min C in ENSC 2143 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵CIVE 3714 Geot Engr </div> CIVE 4143	Min C in ENSC 2143 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵CIVE 3623 Materials </div>	Min C in ENSC 3233 CIVE 3813 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵CIVE 4833 Unit Ops </div> CIVE 4143	Last sem. & CIVE 3853, 4833, 3714, 3833 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵CIVE 4143 Sr Design </div>
Min C in ENSC 2143 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵CIVE 3413 Str Analy </div> CIVE 3523	Min C in CIVE 3813 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵CIVE 3853 Envr Lab </div> CIVE 4143	Enrolled in Last 2 Sem <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁶Contr Elective </div>	Min C in CIVE 3413 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵CIVE 3523 Concrete </div>
Min C in ENSC 3233 CHEM 1414 CIVE 2081 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵CIVE 3813 Envr Engr </div> CIVE 3853 CIVE 4833	Min C in ENSC 3233 CHEM1414 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵CIVE 3843 Hydrology </div>	Enrolled in Last 2 Sem <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁴CIVE 4041 Engr Practice </div>	Enrolled in Last 2 Sem <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁶Contr Elective </div>
MATH 2163 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵STAT 4033/4073 Engr Stat </div> CIVE 3633 CIVE 3843	C in CIVE 3614 STAT 4033/4073 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁵CIVE 3633 Transportation </div>	ENGL 1113 <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ²ENGL 1213 or 3323 Comp2 or Tech Writing </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid gray; padding: 5px; width: 30px; text-align: center;">³H</div> <div style="border: 1px solid gray; padding: 5px; width: 30px; text-align: center;">³I</div> </div>
		Enrolled in Last 2 Sem <div style="border: 1px solid gray; padding: 5px; display: inline-block; margin-left: 10px;"> ⁶Contr Elective </div>	

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128 hours
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Updated 3/27/2023