



OSU - College of Engineering, Architecture & Technology

Civil Engineering Pre-Professional School 2017-2018

Environmental Option

| Semester 1 - 17 credit hours | Semester 2 - 16 credit hours | Semester 3 - 17 credit hours | Semester 4 - 16 credit hours |
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| <p>HS/College Chem & Min C in Math 1513, 1613, 1715</p> <p><u>CHEM 1414 For Engr.</u> CIVE 3813 CIVE 3833 CIVE 3843</p> <p><u>ENGR 1412 VBA Engr. Prgm</u></p> <p><u>POLS 1113 Am Gov</u></p> <p><u>ENGR 1111 Intro to Engr</u></p> <p>Min C in MATH 1613 or 1715 OR ALEKS</p> <p><u>MATH 2144 Calc. 1</u> PHYS 2014 MATH 2153 CIVE 3813</p> <p><u>¹ENGL 1113 Comp I</u> ENGL 3323</p> | <p>Varies ⁵Science Elect</p> <p><u>ENGR 1322 AutoCad</u></p> <p>Min C in MATH 2144 <u>MATH 2153 Calc. 2</u> MATH 2163 MATH 2233 ENSC 3233 IEM 3503</p> <p>MATH 2144 <u>PHYS 2014 Phys I</u> ENSC 2113 PHYS 2114 CIVE 3833 CIVE 3843</p> <p><u>HIST 1103 Am Hlst</u></p> | <p>³S/D/I</p> <p>MATH 2144 <u>ENSC 2113 Statics</u> ENSC 2123 PHYS 2014 ENSC 2143 ENSC 3233</p> <p>Min C in PHYS 2014 or 2314 <u>PHYS 2114 Phys II</u></p> <p>Min C in MATH 2153 <u>MATH 2163 Calc. 3</u> STAT 4073</p> <p><u>SPCH 2713 Intro to Speech (S)</u></p> <p>Sophomore Standing <u>²CIVE 2041 Soph Semin</u></p> | <p>Min C in CHEM 1414 & MATH 2144 <u>CIVE 3813 Envr Engr</u> CIVE 4833 CIVE 3853</p> <p>ENSC 2113 <u>ENSC 2143 Strengths</u> CIVE 3413 CIVE 3714</p> <p>ENSC 2113 <u>ENSC 3233 Fluids</u> CIVE 3833 CIVE 3843 CIVE 4833</p> <p>Min C in MATH 1613 or 1715 <u>CIVE 3614 Surveying</u> CIVE 3633</p> <p>Min C in MATH 2153 <u>MATH 2233 Diff Eq</u></p> |

Underlined = required before Professional School

1. If a 'B' or higher is not earned in **ENGL 1113**, **ENGL 1213** and **ENGL 3323** are required.
2. **CIVE 2041**, **3413**, & **4041** are offered during the fall semester only.
3. Min 6 hrs (H) and 3 hrs (S). Of these, courses should include the International Dimension (I) & Diversity (D) requirement. The remaining 3 hours of (S), to meet the Gen Ed req't, is met with SPCH 2713.



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| Semester 5 - 16 credit hours | Semester 6 - 15 credit hours | Semester 7 - 16 credit hours | Semester 8 - 15 credit hours |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Min of C in ENSC 2143 ² CIVE 3413 Str. Analy CIVE 3523 | Adm to PS Min of C in CIVE 3614 & STAT 4073 CIVE 3633 Transportation | Adm to PS, Enrolled in Last 2 Sem ⁶ Contr Elect | Adm to PS Enrolled in Last 2 Sem, Min C in CIVE 3833, 3853, 4833 CIVE 4143 Envr Eng Des |
| Min of C in ENSC 2143 ² CIVE 3714 Geot Engr CIVE 3623 | Adm to PS Min of C in CIVE 3813 ENSC 3233 CIVE 4833 Unit Op. CIVE 4143 | Adm to PS, CIVE 4273 Const Proj Mngmt | Adm to PS, Enrolled in Last 2 Sem ⁶ Contr Elect |
| ENSC 2113 MATH 2153 ENSC 2123 Dynamics CIVE 3833 CIVE 3843 CIVE 4833 | Adm to PS Min C in CIVE 3813 CIVE 3853 Envi Lab CIVE 4143 | MATH 2153 IEM 3503 Engr Econ | ³ H/I/D |
| MATH 2163 STAT 4033 Engr Stats | Adm to PS Min C in CIVE 3714 CIVE 3623 Materials | ENGL 1113 ENGL 3323 Tech Writing | Adm to PS, Min C in CIVE 3413 ⁴ CIVE 3523 Concrete |
| ³ H/I/D | Adm to PS Min. C in CHEM 1414 ENSC 3233 PHYS 2014 CIVE 3843 Hydrology | Adm to PS, Enrolled in Last 2 Sem ² CIVE 4041 Engr Practice | Adm to PS, Enrolled in Last 2 Sem ⁶ Contr Elect |
| | | Adm to PS Min C in CHEM 1414 ENSC 3233 PHYS 2014 CIVE 3833 Hydraulics | |

4. CIVE 3523 & 3853 are offered during the spring semester only.
5. BIOL 1114 or BIOC 2344
6. Controlled Electives: 4000 or 5000-level courses in Civil Engineering not required in the curriculum

Denotes PS courses

