

FIRST YEAR (35)

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|--|--|-------------------------------------|--|---|---------------------------|
| <b>MATH 200</b><br>Calculus I<br>3 cr. | <b>MATH 211</b><br>Linear Algebra<br>3 cr. | <b>CIVE 201</b><br>Statics<br>3 cr. | <b>ENGL 203</b><br>English Comm. Skills<br>3 cr. | <b>CSIS 206</b><br>Principles of Programming<br>3 cr. | <b>ELECTIVE1</b><br>3 cr. |
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FALL (18)

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| <b>MATH 270</b><br>Differential Equations<br>3 cr. | <b>MATH 202</b><br>Calculus II<br>3 cr. | <b>CIVE 202</b><br>Mechanics of Materials<br>3 cr. | <b>ENGL 2XX</b><br>English Elective<br>3 cr. | <b>CIVE 203</b><br>Engineering Drawing I<br>1 cr. | <b>CIVE 290</b><br>Intro. To Eng. Design Process<br>1 cr. | <b>ELECTIVE2</b><br>3 cr. |
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SPRING (17)

SECOND YEAR (36)

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| <b>CIVE 204</b><br>Construction Materials & Methods<br>3 cr. | <b>CIVE 205</b><br>Theory of Structures<br>3 cr. | <b>CIVE 206</b><br>Engineering Drawing II<br>1 cr. | <b>GENG 221</b><br>Engineering Ethics<br>3 cr. | <b>CIVE 310</b><br>Building Law<br>2 cr. | <b>MATH 246</b><br>Probability for Engineers<br>3 cr. | <b>MATH 230</b><br>Numerical Analysis<br>3 cr. |
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FALL (18)

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| <b>CIVE 208</b><br>Surveying<br>2 cr. | <b>CIVE 214</b><br>Surveying Lab.<br>1 cr. | <b>CIVE 210</b><br>Strength of Materials Lab.<br>1 cr. | <b>CIVE 209</b><br>Reinforced Concrete I<br>3 cr. | <b>GENG 222</b><br>Sustainable development for engineers<br>3 cr. | <b>CIVE 243</b><br>Fluid Mechanics Lab.<br>1 cr. | <b>CIVE 301</b><br>Soil Mechanics<br>3 cr. | <b>MECH 243</b><br>Fluid Mechanics<br>3 cr. | <b>LISP 200</b><br>Information skills and search techniques<br>1 cr. |
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SPRING (18)

THIRD YEAR (38)

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| <b>CIVE 389</b><br>Senior Design I<br>2 cr. | <b>CIVE 303</b><br>Computer Aided Design<br>1 cr. | <b>CIVE 324</b><br>Structural Steel Design<br>3 cr. | <b>CIVE 316</b><br>Construction Management Modelling<br>1 cr. | <b>CIVE 312</b><br>Construction Management Fundamentals<br>2 cr. | <b>CIVE 304</b><br>Reinforced Concrete II<br>3 cr. | <b>CIVE 306</b><br>Soil Mechanics Lab<br>1 cr. | <b>CIVE 309</b><br>Engineering Economy<br>3 cr. | <b>CSPR XXX</b><br>Cultural Studies Elective<br>3 cr. |
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FALL (19)

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| <b>CIVE 390</b><br>Senior Design II<br>2 cr. | <b>CIVE 307</b><br>Shallow Foundation Analysis & Design<br>3 cr. | <b>CIVE 308</b><br>Transportation Engineering<br>3 cr. | <b>ELECTIVE LAB1</b><br>1 cr. | <b>ELECTIVE LAB2</b><br>1 cr. | <b>ELECTIVE 3</b><br>2 cr. | <b>ELECTIVE 4</b><br>2 cr. | <b>ELECTIVE 5</b><br>2 cr. | <b>ELECTIVE 6</b><br>3 cr. |
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SPRING (19)

**Elective1**  
BIOL207  
EVSC202

**Elective2**  
CHEM202  
MECH221

**Elective Labs 1 & 2**  
CIVE313  
CIVE315  
CIVE318  
MECH233  
PHYS214

**Elective 3, 4 & 5**  
CIVE319  
CIVE320  
CIVE321  
CIVE322  
CIVE323

**Elective6**  
CIVE305  
CIVE311

**LEGEND**

Pre-requisite

Co-requisite