BACHELOR OF SCIENCE IN CIVIL ENGINEERING (BS CE)  
GENERAL CIVIL ENGINEERING CONCENTRATION  
THE UNIVERSITY OF KANSAS (KU)  
For Fall 2015 and Later Matriculations

<table>
<thead>
<tr>
<th>Fall Semesters</th>
<th>Spring Semesters</th>
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</thead>
<tbody>
<tr>
<td><strong>FIRST YEAR</strong></td>
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<tr>
<td>CE 191*</td>
<td>Introduction to Civil Engineering</td>
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<tr>
<td>ENGL 101H</td>
<td>Composition (KU Core: GE2.1)</td>
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<tr>
<td>MATH 125H</td>
<td>Calculus I (GE1.2)</td>
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<tr>
<td>CHEM 150H</td>
<td>Chemistry for Engineers (GE3N)</td>
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<tr>
<td>ElectiveH</td>
<td>Arts and Humanities (GE3A&amp;H)1</td>
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(*) Recommended but not required

| **SECOND YEAR** |                 |
| PHSX 212H | General Physics II | 3 | ECON 104H | Introductory Economics (GE35) |
| PHSX 236H | General Physics II Laboratory | 1 | CE 240 | Surveying |
| CE 301 | Statics and Dynamics | 5 | CE 310 | Strength of Materials |
| MATH 127H | Calculus III | 4 | MATH 220H | Applied Differential Equations |
| EECS 137 | Visual Basic for Engineers | 3 | | |
| | | 16 | ElectiveH | Basic science |

| **THIRD YEAR** |                 |
| CE 330/331F | Fluid Mechanics/Lab | 4 | CE 455S | Hydrology |
| or | | 3 | or | |
| CE 477 | Intro. to Environ. Engr. & Sci. | 4 | CE 4842 | Materials for Trans. Facilities |
| CE 461 | Structural Analysis | 4 | CE 480S | Intro. to Transportation Engineering |
| MATH 290H | Elementary Linear Algebra | 2 | CE 487 | Soil Mechanics |
| ElectiveH | Human Diversity (AE4.1)1 | 3 | MATH 526 | Applied Mathematical Statistics |
| | | 16 | | |

| **FOURTH YEAR** |                 |
| CE 562 | Design of Steel Structures (AE6.1) | 3 | CE 562 | Design of Steel Structures (AE6.1) |
| or | | 3 | or | |
| CE 563 | Design of Reinf. Concrete Structures | 3 | CE 563 | Design of Reinf. Concrete Structures |
| CMGT 4577 | Construction Project Management | 3 | Elective3 | Civil engineering design |
| Elective5 | Civil engineering design | 4 | ElectiveH | Global awareness (AE4.2)1 |
| Elective5 | Civil engineering design | 3 | ElectiveH | Ethics/Social Responsibil. (AE5.1)1 |
| Elective | Basic engineering science | 3 | ElectivesH | General |
| RequiredH | Fundamentals of Engineering Exam | 0 | | |
| | | 16 | | |

TOTAL CREDIT-HOURS = 132

1 See the lists of acceptable General Education (GE) and Advanced Education (AE) KU Core courses via kucore.ku.edu  
2 Select one of the two. Students are required to take CE 412 or CE 484, but CE 477 is not optional.  
3 One of these electives must be either CE 552F or CE 576S.  
4 Taking the Fundamentals of Engineering (FE) Exam is a requirement of this program for graduation.  
5H Courses are only offered in the Fall Semesters.  
6H Courses are only offered in the Spring Semesters.  
7H Honors options available. Consult with your CEAE and University Honors Program advisors for details.

Homepage: www.ceae.ku.edu  
Updated: April 1, 2016