

## 2019 - 2020 Old Dominion University Catalog

### Bachelor of Science in Civil Engineering (with VCCS Equivalencies)

*Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.*

*\* indicates not automatically waived with transferrable associates degree, C or better required for transfer. Courses in green are waived by the completion of an Associate degree (Not eligible for Applied Associate degrees). As in Engineering recommended for ease of transfer.*

#### YEAR 1 - FRESHMAN (33 CREDITS)

##### FALL SEMESTER (16 credits)

General Education Coursework:  
 MATH 211  
 CHEM 121N/122N (4 credits)  
 ENGL 110C (C or better required)  
 ENGN 110  
Human Creativity

VCCS Equivalency:  
 MTH 173, 263, or 273\*  
 CHM 111\*  
 ENG 111\*  
 EGR 120 or 124\*  
[Transfer Guide](#)

##### SPRING SEMESTER (17 credits)

General Education Coursework:  
 MATH 212 (4 credits)  
 CHEM 123N  
 PHYS 231N  
 CS 150 or ENGN 150  
 CEE 111

VCCS Equivalency:  
 MTH 174, 264, or 274\*  
 CHM 112\*  
 PHY 231 or 241\*  
 ITP 132, CSC 201, EGR 125 or EGR  
 Department approval upon admission\*

#### YEAR 2 - SOPHOMORE (34 CREDITS)

##### FALL SEMESTER (18 credits)

General Education Coursework:  
 CEE 204  
 PHYS 232N  
 MATH 312 (285)  
 BIOL 110N/111N or OEAS 111N  
 COMM 101R

VCCS Equivalency:  
 EGR 140 or 240\*  
 PHY 232 or 242\*  
 MTH 265, 275 or 277\*  
 GOL 105\*  
 CST 100, 105 or 110\*

##### SPRING SEMESTER (16 credits)

General Education Coursework:  
 CEE 220  
 CEE 205  
 CEE 219  
 ENGL 211C (C or better required)  
 MATH 307 (280)  
Literature

VCCS Equivalency:  
 EGR 246\*  
 EGR 245\*  
 ENG 112 or 210\*  
 MTH 267, 279 or 291\*  
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#### YEAR 3 - JUNIOR (34 CREDITS)

##### FALL SEMESTER (18 credits)

Major Coursework:  
 CEE 320  
 CEE 305  
 CEE 330 (C or better required)  
 CEE 350  
 CEE 304  
Interpreting the Past

VCCS Equivalency:  
  
  
  
  
  
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##### SPRING SEMESTER (16 credits)

Major Coursework:  
 CEE 310 (C or better required)  
 CEE 323 (C or better required)  
 CEE 340  
 CEE 335  
 CEE 240  
 CEE 370

VCCS Equivalency:

#### YEAR 4 - SENIOR (29 CREDITS)

##### FALL SEMESTER (14 credits)

Major Coursework:  
 CEE 410  
 CEE 430  
 ENGN 401  
 CEE 402  
Human Behavior  
 Upper Division General Education

VCCS Equivalency:  
  
  
  
  
  
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##### SPRING SEMESTER (15 credits)

Major Coursework:  
 CEE 403W (C or better required)  
 CEE 4XX  
 CEE 4XX - Transportation or  
 ENMA 480 (Satisfies Philosophy and  
 Upper Division General Education

VCCS Equivalency:

**TOTAL CREDIT HOURS: 130**

This 4-year plan does not include 6 credits in Language and Culture, but this requirement may be waived; see ODU catalog for details.

The General Education requirements in Information Literacy and Research, Impact of Technology, and Philosophy and Ethics are met through the major.

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a grade of C or better in all courses required for the major, including prerequisite courses, 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or 221C or 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.