

## 2022 - 2023 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 (32 CREDITS)

##### FALL SEMESTER (16 credits)

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

VCCS Equivalency:  
MTH 173, 263, or 273\*  
CHM 111\*  
ENG 111\*  
EGR 120 or 121\*

Human Creativity

[Transfer Equivalency Guide](#)

##### SPRING SEMESTER (16 credits)

General Education Coursework:  
MATH 212 (4 credits)  
CHEM 123N  
PHYS 231N  
COMM 101R  
CEE 111

VCCS Equivalency:  
MTH 174, 264, or 274\*  
CHM 112\*  
PHY 231 or 241\*  
CST 100, 105 or 110\*  
EGR 122 with completed AS in Engineering or Dept. Approval\*

#### 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  
CEE 240

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

##### 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\*

[Transfer Equivalency Guide](#)

#### YEAR 3 - JUNIOR (33 CREDITS)

##### FALL SEMESTER (16 credits)

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

VCCS Equivalency:

##### SPRING SEMESTER (17 credits)

Major Coursework:  
CEE 310 (C or better required)  
CEE 323 (C or better required)  
CEE 340  
CEE 370  
CEE 324  
CEE 341

Interpreting the Past

VCCS Equivalency:

[Transfer Equivalency Guide](#)

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

##### FALL SEMESTER (16 credits)

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

VCCS Equivalency:

[Transfer Equivalency Guide](#)

##### SPRING SEMESTER (15 credits)

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

VCCS Equivalency:

**TOTAL CREDIT HOURS: 130**

*The four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.*

*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.*

*In addition to the four-year plan shown above, all students in the Civil Engineering program who are in Catalog Year 2016 or later are required to take the Fundamentals of Engineering exam (<http://ncees.org/engineering/fe/>) prior to graduation. Any student passing the FE exam prior to graduation will receive a reimbursement for the exam fee by the CEEVC.*