

2018 - 2019 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)

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
 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
 MAE 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 Guide](#)

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:

[Transfer Guide](#)

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:

[Transfer Guide](#)

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 curriculum sheet does not include the University's General Education Language and Culture Requirement. Additional hours may be required.

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.