

2023 - 2024 Old Dominion University Catalog

Bachelor of Science in Civil Engineering (BSCE) (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
 Human Creativity

VCCS Equivalency:
 MTH 173, 263, or 273*
 CHM 111*
 ENG 111*
 EGR 120, 121, 122, 124*
[Transfer Equivalency Guide](#)

SPRING SEMESTER (16 credits)

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

VCCS Equivalency:
 MTH 174, 264, or 274*
 CHM 112*
 PHY 221, 231 or 241*
 CST 100 or 105*

YEAR 2 - SOPHOMORE (34 CREDITS)

FALL SEMESTER (18 credits)

General Education Coursework:
 CEE 204 (C or better required)
 PHYS 232N
 MATH 312 (285)
 BIOL 110N/111N or OEAS 111N

VCCS Equivalency:
 EGR 140 or 240*
 PHY 222, 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 or 231C (C or better required)

VCCS Equivalency:
 EGR 246*
 EGR 245*
 ENG 112, 113, 115, 131, or 137*

CEE 240

MATH 307 (280)
 Literature

MTH 267, 279, 289, 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

VCCS Equivalency:

[Interpreting the Past](#)

[Transfer Equivalency Guide](#)

YEAR 4 - SENIOR (31 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 Ethics)
 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.