

2021 - 2022 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)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
MATH 211	MTH 173, 263, or 273*
CHEM 121N/122N (4 credits)	CHM 111*
ENGL 110C (C or better required)	ENG 111*
ENGN 110	EGR 120 or 121*
Human Creativity	Transfer Guide

SPRING SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
MATH 212 (4 credits)	MTH 174, 264, or 274*
CHEM 123N	CHM 112*
PHYS 231N	PHY 231 or 241*
COMM 101R	CST 100, 105 or 110*
CEE 111	EGR 122 with completed AS in Engineering or Dept. Approval*

YEAR 2 - SOPHOMORE (34 CREDITS)

FALL SEMESTER (18 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 204	EGR 140 or 240*
PHYS 232N	PHY 232 or 242*
MATH 312 (285)	MTH 265, 275 or 277*
BIOL 110N/111N or OEAS 111N	GOL 105*
CEE 240	

SPRING SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 220	EGR 246*
CEE 205	EGR 245*
CEE 219	
ENGL 211C (C or better required)	ENG 112 or 210*
MATH 307 (280)	MTH 267, 279 or 291*
Literature	Transfer Guide

YEAR 3 - JUNIOR (33 CREDITS)

FALL SEMESTER (16 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 320	
CEE 305	
CEE 330 (C or better required)	
CEE 350	
CEE 304	

SPRING SEMESTER (17 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 310 (C or better required)	
CEE 323 (C or better required)	
CEE 340	
CEE 370	
CEE 324	
CEE 341	
Interpreting the Past	Transfer Guide

YEAR 4 - SENIOR (29 CREDITS)

FALL SEMESTER (16 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 410	
CEE 430	
CEE 401	
CEE 402	
Human Behavior	Transfer Guide
Upper Division General Education	

SPRING SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 403W (C or better required)	
CEE 4XX	
CEE 4XX	
ENMA 480 (Satisfies Philosophy and Upper Division General Education)	

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.