

2024 - 2025 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). A.S. in Engineering recommended for ease of transfer.*

YEAR 1 - FRESHMAN (28 CREDITS)

FALL SEMESTER (14 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
ENGN 121	(EGR 121 + ITE 152)* or waived w/ AS
Human Creativity	Transfer Equivalency Guide
MATH 211	MTH 173, (MTH 175 + 176), 263, or 273*
CHEM 121N/122N	CHM 111 or (CHEM 111 +112+ 113)*

SPRING SEMESTER (14 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
ENGN 122	EGR 125 or 126*
ENGL 110C (C or better required)	ENG 111 or ENGL 114*
MATH 212	MTH 174, 264, or 274*
PHYS 231N	PHY 221, 231, or 241*

YEAR 2 - SOPHOMORE (32 CREDITS)

FALL SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 204 (C or better required)	EGR 140 or 240*
COMM 101R	Transfer Equivalency Guide
MATH 312 (285)	MTH 265, 275 or 277*
PHYS 232N	PHY 222, 232 or 242*
CEE 240	

SPRING SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 205	EGR 245*
CEE 220	EGR 246*
ENGL 211C (C or better required)	ENG 112 or ENGL 115*
Literature	Transfer Equivalency Guide
Science Ele. BIOL 110N/111N or OEAS 111N	ENV 121, GOL 105 or (GEOL 101 + 102)*

YEAR 3 - JUNIOR (30 CREDITS)

FALL SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
MATH 307	MTH 267, 279, 289 or 291*
CEE 304	
CEE 310	
CEE 320	
CEE 330 (C or better required)	

SPRING SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 305	
CEE 323/324 (C or better required)	
CEE 340/341	
CEE 350	
Interpreting the Past	Transfer Equivalency Guide

YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (16 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 370	
CEE 410	
CEE 430	
CEE 402	
**Upper Division General Education	
Human Behavior	Transfer Equivalency Guide

SPRING SEMESTER (15 credits)

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

TOTAL CREDIT HOURS: 123

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 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.

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

****Upper Division General Education** (choose 1)

Option D: 6 hours of elective upper-division work from outside of and not required by the student's major and college.

Option A: Any University-approved minor (minimum of 12 hours determined by the department), second degree, or second major

Option B: Any University-approved interdisciplinary minor (specifically 12 hours, 3 can be in the major)

****Approved Minors: List of Approved Minors**

Environmental Engineering, Engineering Management (Aqueous Environmental Systems Track or Environmental Protection Track), Mathematics, Mechanical Engineering, Global Engineering, CET-Construction, OEAS

*****Approved CEE Electives** may require prerequisite courses

Important Notes: *Graduates of this program are eligible to take the Fundamentals of Engineering (FE) exam in Virginia and many other states. Course prerequisites are strictly enforced. Please refer to the University Catalog for prerequisites of all courses.*

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.