

## 2020 - 2021 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)		SPRING SEMESTER (16 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
MATH 211	MTH 173, 263, or 273*	MATH 212 (4 credits)	MTH 174, 264, or 274*
CHEM 121N/122N (4 credits)	CHM 111*	CHEM 123N	CHM 112*
ENGL 110C (C or better required)	ENG 111*	PHYS 231N	PHY 231 or 241*
ENGN 110	EGR 120 or 124*	COMM 101R	CST 100, 105 or 110*
<span style="color: green;">Human Creativity</span>	<a href="#">Transfer Guide</a>	CEE 111	Department approval upon admission*

#### YEAR 2 - SOPHOMORE (34 CREDITS)

FALL SEMESTER (18 credits)		SPRING SEMESTER (16 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 204	EGR 140 or 240*	CEE 220	EGR 246*
PHYS 232N	PHY 232 or 242*	CEE 205	EGR 245*
MATH 312 (285)	MTH 265, 275 or 277*	CEE 219	
BIOL 110N/111N or OEAS 111N	GOL 105*	ENGL 211C (C or better required)	ENG 112 or 210*
CEE 240		MATH 307 (280)	MTH 267, 279 or 291*
		<span style="color: green;">Literature</span>	<a href="#">Transfer Guide</a>

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

FALL SEMESTER (16 credits)		SPRING SEMESTER (17 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CFF 320		CEE 310 (C or better required)	
CEE 305		CEE 323 (C or better required)	
CEE 330 (C or better required)		CEE 340	
CEE 350		CEE 370	
CEE 304		CEE 324	
		CEE 341	
		<span style="color: green;">Interpreting the Past</span>	<a href="#">Transfer Guide</a>

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

FALL SEMESTER (16 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 410		CEE 403W (C or better required)	
CEE 430		CEE 4XX	
CEE 401		CEE 4XX	
CEE 402		ENMA 480 (Satisfies Philosophy and	
<span style="color: green;">Human Behavior</span>	<a href="#">Transfer Guide</a>	Upper Division General Education	
Upper Division General Education			

**TOTAL CREDIT HOURS: 130**

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/exams/fe-exam/>) prior to graduation. Any student passing the FE exam prior to graduation will receive a reimbursement for the exam fee by the CEEVC.