

## 2014 - 2015 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.*

YEAR 1 - FRESHMAN (33 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (17 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
MATH 211	MTH 173 or 273*	MATH 212 (4 credits)	MTH 174 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*	CS 150	CSC 201, EGR 125 or EGR 126*
Human Creativity	<a href="#">See Transfer Guide</a>	CEE 111	See Monarch Transformation to ensure your institution's course will transfer. Department approval upon admission*
YEAR 2 - SOPHOMORE (33 CREDITS)			
FALL SEMESTER (18 credits)		SPRING SEMESTER (15 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 204	EGR 140*	MAE 220	EGR 246*
PHYS 232N	PHY 232 or 242*	MAE 205	EGR 245*
MATH 312	MATH 275 or 277*	ENGL 211C (C or better required)	ENG 112 or 210*
OEAS 111N or BIOL 110N/111N	<a href="#">See Transfer Guide*</a>	MATH 307	MTH 279 or 291*
COMM 101R	CST 100, 105 or 110*	Literature	<a href="#">See Transfer Guide</a>
YEAR 3 - JUNIOR (32 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 320		CEE 310	
CEE 305		CEE 323	
CEE 330		CEE 340	
CEE 350		CEE 335	
CEE 304		CEE 240	
CET 319		Interpreting the Past	<a href="#">See Transfer Guide</a>
YEAR 4 - SENIOR (32 CREDITS)			
FALL SEMESTER (17 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CEE 470		CEE 403W (C or better required)	
CEE 410		CEE 4XX	
CEE 430		CEE 4XX - Transportation or Environmental	
ENGN 401		ENMA 480**	
CEE 402		Upper Division General Education	
Human Behavior	<a href="#">See Transfer Guide</a>		
Upper Division General Education			
<b>TOTAL CREDIT HOURS: 130</b>			

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

\*\* Meets philosophy and ethics general education requirement.

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.