

2014 - 2015 Old Dominion University Catalog

Bachelor of Science in Computer Science (w/ 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 (34 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (17 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
CS 110 (1 credit)		CS 250 (4 credits)	CSC 210* (TCC only)
CS 150 (4 credits)	CSC 201, EGR 126 or ITP 100*	CS 252 (1 credit)	ITN 171 or 271*
Interpreting the Past	Transfer Guide	CS 170	CSC 205*
ENGL 110C	ENG 111*	ENGL 231C	ENG 115 or 131*
Philosophy and Ethics	Transfer Guide	Human Creativity	Transfer Guide
Language and Culture I (May be waived, see catalog for details)	Transfer Guide	Language and Culture II (May be waived, see catalog for details)	Transfer Guide

YEAR 2 - SOPHOMORE (31 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (14 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
Nature of Science I (must be in sequence)	Science with Lab Options*	Nature of Science II (must be in sequence)	Science with Lab Options*
Literature	Transfer Guide	MATH 212 (4 credits)	MTH 174 or 274*
CS 270	CSC 206 or 215*	Human Behavior	Transfer Guide
MATH 211 (4 credits)	MTH 173 or 273*	Information Literacy and Research (CS 121G preferred)	Transfer Guide
Oral Communication (COMM 101R preferred)	Transfer Guide		

YEAR 3 - JUNIOR (30 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CS 300T		CS 350	
Technical Elective**		CS 355	
MATH 316		CS 361	
CS 330		STAT 330	
CS 300/400 level elective course**		CS 300/400 level elective course**	

YEAR 4 - SENIOR (30 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CS 390		CS 411W	
CS 410		CS 417	
Technical Elective**		CS 471	
CS 381		CS 300/400 level elective course**	
<u>Upper Division Gen. Ed. Coursework:</u>		<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level course (Option D)		300-/400-level course (Option D)	

**Please refer to the catalog and consult with your advisor for appropriate coursework.

Language and Culture may be waived, see ODU catalog for exemptions.

Note: Upper division general education (minor) has other options, see catalog for requirements.

Computer Science majors may select their own electives from the CS offerings or may be guided by the following emphasis areas (up to six credits of work experience may be used): Database, Networking, Systems Programming, Web Programming, Game Programming, Cyber Security, and Miscellaneous. See catalog for specific coursework.

Computer Science majors must earn a grade of C or better in all (non-elective) computer science courses required for the major and in all computer science prerequisite courses.

Note: OEAS 106N & 107N may not be used to satisfy the Nature of Science I and II requirement.

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.