

2017 - 2018 Old Dominion University Catalog

Bachelor of Science-Interdisciplinary Studies

Cyber Operations

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).

YEAR 1 - FRESHMAN (33 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (17 credits)	
<u>Lower Division General Education Coursework:</u> Written Communication I (ENGL 110C) Oral Communication Info. Literacy and Research Human Behavior (CRJS 215S or SOC 201S required) <u>Major Coursework:</u> MATH 211: Calculus I (Satisfies Mathematics)	<u>VCCS Equivalency:</u> ENG 111* Transfer Guide Transfer Guide Transfer Guide* MTH 173, 263 or 273*	<u>Lower Division General Education Coursework:</u> Written Communication II (ENGL 231C) Interpreting the Past Philosophy and Ethics <u>Major Coursework:</u> MATH 212: Calculus II CS 150	<u>VCCS Equivalency:</u> ENG 115 or 131* Transfer Guide Transfer Guide MTH 174, 264 or 274* CSC 201, EGR 125 or 126*
YEAR 2 - SOPHOMORE (31 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (15 credits)	
<u>Lower Division General Education Coursework:</u> Nature of Science I <u>Major Coursework:</u> CS 252 CS 250 CS 170 ECE 241	<u>VCCS Equivalency:</u> Transfer Guide ITN 171 or 271* CSC 210* CSC 205* EGR 270 or 277*	<u>Lower Division General Education Coursework:</u> Nature of Science II <u>Major Coursework:</u> CS 361 CS 270 CYSE/CRJS 406 ECE 304	<u>VCCS Equivalency:</u> Transfer Guide CSC 206 or 215*
YEAR 3 -JUNIOR (30 CREDITS)			
FALL SEMESTER (15 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u> Impact of Technology (Can be met by ENGL/IDS 307T) <u>Major Coursework:</u> ENGL/IDS 307T or 493 CS 381 ECE 355 CS 476	<u>VCCS Equivalency:</u> Transfer Guide	<u>Major Coursework:</u> ECE 483 CS 462 CS 390 IDS 300W ECE 346	<u>VCCS Equivalency:</u>
YEAR 4 - SENIOR (30 CREDITS)			
FALL SEMESTER (15 credits)		SPRING SEMESTER (15 credits)	
<u>Lower Division Gen Ed Coursework:</u> Human Creativity <u>Major Coursework:</u> IT 417 Management of Information Security ECE/ENMA/MSIM 416 Cyber-Defense Fundamentals CS 471 Operating Systems Concepts CS 464 Networked Systems Security	<u>VCCS Equivalency:</u>	<u>Lower Division Gen Ed Coursework:</u> Literature <u>Major Coursework:</u> ECE 455 Network Engineering and Design ECE 419 Cyber Physical Systems Security CYSE 368 PSYC 344 Human Factors	<u>VCCS Equivalency:</u>

Please Note: This curriculum sheet does not include the University's General Education Language and Culture requirement which will entail an additional six credit hours if it has not been met through high school coursework.

Note: Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours of upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or 221C or 231C, and the writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.