

2017-2018 Old Dominion University Catalog
Bachelor of Science-Interdisciplinary Studies: Cyber Operations

This is an Interdisciplinary Studies Bachelor of Science degree with a Major in Cyber Operations, not an Engineering degree.

NOTE: This is a "sample" four year curriculum with a suggested ordering of courses. Students have the flexibility of re-ordering as needed.

YEAR 1 - FRESHMAN (33 CREDITS)				
FALL SEMESTER (16 credits)	Credits	SPRING SEMESTER (17 credits)	Credits	SUMMER
<u>Lower Division Gen Ed Coursework:</u>		<u>Lower Division Gen Ed Coursework:</u>		
Written Communication I (ENGL 110C)	3	Written Communication II (ENGL 231C recommended)	3	
Oral Communication	3	Interpreting the Past	3	
Info. Literacy and Research	3	Philosophy and Ethics	3	
Human Behavior (CRJS 215S or SOC 201S required)	3	<u>Major Coursework:</u>		
MATH 211: Calculus I (Satisfies Mathematics)	4	CS 150	4	
		MATH 212	4	
YEAR 2 - SOPHOMORE (31 CREDITS)				
FALL SEMESTER (15 credits)	Credits	SPRING SEMESTER (16 credits)	Credits	SUMMER
<u>Lower Division Gen Ed Coursework:</u>		<u>Lower Division Gen Ed Coursework:</u>		
Nature of Science I	4	Nature of Science II	4	
<u>Major Coursework:</u>		<u>Major Coursework:</u>		
CS 252	1	CS 361	3	
CS 250	4	CS 270	3	
CS 170	3	CYSE/CRJS 406	3	
ECE 241	3	ECE 304	3	
YEAR 3 - JUNIOR (30 CREDITS)				
FALL SEMESTER (15 credits)	Credits	SPRING SEMESTER (15 credits)	Credits	SUMMER
<u>Lower Division Gen Ed Coursework:</u>		<u>Major Coursework:</u>		
Impact of Technology (Can be met by ENGL/IDS 307T)	3	ECE 483	3	
<u>Major Coursework:</u>	3	CS 462	3	
ENGL/IDS 307T or 493		CS 390	3	
CS 381	3	IDS 300W	3	
ECE 355	3	ECE 346	3	
CS 476	3			
YEAR 4 - SENIOR (30 CREDITS)				
FALL SEMESTER (15 credits)	Credits	SPRING SEMESTER (15 credits)	Credits	SUMMER
<u>Lower Division Gen Ed Coursework:</u>		<u>Lower Division Gen Ed Coursework:</u>		
Human Creativity	3	Literature	3	
<u>Major Coursework:</u>		<u>Major Coursework:</u>		
IT 417 Management of Information Security	3	ECE 455 Network Engineering and Design	3	
ECE/ENMA/MSIM 416 Cyber-Defense Fundamentals	3	ECE 419 Cyber Physical Systems Security	3	
CS 471 Operating Systems Concepts	3	CYSE 368	3	
CS 464 Networked Systems Security	3	PSYC 344 Human Factors	3	

Please Note: This curriculum sheet does not include the University's General Education Language and Culture requirement.