

## 2022 - 2023 Old Dominion University Catalog

### Bachelor of Science - 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 (30 CREDITS)

FALL SEMESTER (16 credits)

Major Coursework:

ENGL 110C  
Oral Communication  
Info. Literacy and Research  
 Human Behavior: CRJS 215S or SOC 201S required  
 MATH 211: Calculus I (Satisfies Mathematics)

VCCS Equivalency:

ENG 111\*  
[Transfer Guide](#)  
[Transfer Guide](#)  
[Transfer Guide\\*](#)  
 MTH 173, 263 or 273\*

Major Coursework:

ENGL 211C, 221C or 231C  
Interpreting the Past  
 MATH 212: Calculus II  
 CS 150

SPRING SEMESTER (14 credits)

VCCS Equivalency:

ENG 112, 210, 115 or 131\*  
[Transfer Guide](#)  
 MTH 174, 264 or 274\*  
 CSC 201, EGR 125 or 126 or ITP 132\*

#### YEAR 2 - SOPHOMORE (32 CREDITS)

FALL SEMESTER (16 credits)

Major Coursework:

Nature of Science I  
 CS 252  
 CS 250  
 CS 170  
 ECE 241

VCCS Equivalency:

[Transfer Guide](#)  
 ITN 171 or 271\*  
 CSC 210 or ITP 232\*  
 CSC 205\*  
 EGR 270 or 277\*

Major Coursework:

Nature of Science II  
 CS 361  
 CS 270  
 CYSE/CRJS 406  
 ECE 304

SPRING SEMESTER (16 credits)

VCCS Equivalency:

[Transfer Guide](#)  
 CSC 206 or 215\*

#### YEAR 3 - JUNIOR (30 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

Literature  
 PHIL 355E (Philosophy and Ethics)  
 CYSE 200T (Satisfies Impact of Technology)  
 CS 466  
 ECE 355

VCCS Equivalency:

[Transfer Guide](#)

Major Coursework:

CYSE 425W (Grade of C or better required)  
 CYSE 301  
 CS 390  
 CS 467  
 ECE 346

SPRING SEMESTER (15 credits)

VCCS Equivalency:

#### YEAR 4 - SENIOR (28 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

Human Creativity  
 ECE 416  
 CS 471  
 MSIM 470  
 Approved program elective \*

VCCS Equivalency:

[Transfer Guide](#)

Major Coursework:

ECE 419  
 ECE 455  
 CYSE 368 or IDS 493  
 Approved program elective \*  
 1-credit Elective

SPRING SEMESTER (13 credits)

VCCS Equivalency:

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

\* For Approved Program Electives consult the catalog, Degree Works and with your Advisor.

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.