

2025 - 2026 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 DASC 205S required

MATH 211: Calculus I (Satisfies Mathematics)

VCCS Equivalency:

ENG 111*

[Transfer Equivalency Guide](#)

[Transfer Equivalency Guide](#)

[Transfer Equivalency Guide](#)

MTH 173, 263 or 273*

SPRING SEMESTER (14 credits)

Major Coursework:

ENGL 211C or 231C

Interpreting the Past

MATH 212: Calculus II

CS 150 or 151 or 153

VCCS Equivalency:

ENG 112, 210, 115 or 131*

[Transfer Equivalency Guide](#)

MTH 174, 264 or 274*

CSC 201, EGR 125 or 126 or ITP 132*

YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

Nature of Science I

Human Creativity

CS 252

CS 250 or 251

CS 170

VCCS Equivalency:

[Transfer Equivalency Guide](#)

[Transfer Equivalency Guide](#)

ITN 171 or 271*

CSC 210 or ITP 232*

CSC 205*

Major Coursework:

Nature of Science II

Literature

ECE 241

CS 270

CS 260 or 261

VCCS Equivalency:

[Transfer Equivalency Guide](#)

[Transfer Equivalency Guide](#)

EGR 270 or 277*

CSC 206 or 215*

YEAR 3 -JUNIOR (30 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

CS 361

ECE 304

CYSE 200T (Satisfies Impact of Technology)

CS 381

CS 466

VCCS Equivalency:

Major Coursework:

PHIL 355E (Philosophy and Ethics)

CYSE 406/CRJS 406

CYSE 301

CS 390

ECE 346

VCCS Equivalency:

YEAR 4 - SENIOR (30 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

ECE 355

CYSE 425W (Grade of C or better required)

ECE 416

CS 471

MSIM 470

VCCS Equivalency:

SPRING SEMESTER (15 credits)

Major Coursework:

CS 467

ECE 419

ECE 455

CYSE 368 or IDS 493

Approved program elective *

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.