

2024 - 2025 Old Dominion University Catalog

Bachelor of Science-Data Science

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 (15 credits)

Major Coursework:

ENGL 110C
 Oral Communication
 Info. Literacy and Research
 Human Behavior (May not be met with DASC 205S or SOC 205S)
 MATH 162M: Pre-Calculus I (Satisfies Mathematics)

VCCS Equivalency:

ENG 111*
[Transfer Equivalency Guide](#)
[Transfer Equivalency Guide](#)
[Transfer Equivalency Guide](#)
 MTH 161 or 163 or 171*

SPRING SEMESTER (16 credits)

Major Coursework:

ENGL 211C, 221C or 231C
 Interpreting the Past
 CS 153
 MATH 163
 DASC or SOC 205S

VCCS Equivalency:

ENG 112, 210, 115 or 131*
[Transfer Equivalency Guide](#)
 MTH 164, 162, or 168

YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (17 credits)

Major Coursework:

Nature of Science I
 Literature
 BDA 200T (Satisfies Impact of Technology)
 CS 251
 Approved Area Electives ^{2&3}

VCCS Equivalency:

[Transfer Equivalency Guide](#)
[Transfer Equivalency Guide](#)

SPRING SEMESTER (16 credits)

Major Coursework:

Nature of Science II
 Human Creativity
 STAT 130
 DASC 300
 Approved Area Electives ^{2&3}

VCCS Equivalency:

[Transfer Equivalency Guide](#)
[Transfer Equivalency Guide](#)
 MTH 146, 155, 157, 240, 241, 242, or 245

YEAR 3 - JUNIOR (30 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

IDS 300W
 DASC 434
 STAT 310
 Approved Area Electives ^{2&3}
 Elective ¹

VCCS Equivalency:

SPRING SEMESTER (15 credits)

Major Coursework:

DASC 357E or PHIL 357E (Satisfies Philosophy and Ethics)
 IT 360T
 Approved Area Electives ^{2&3}
 Approved Area Electives ^{2&3}
 Elective ¹

VCCS Equivalency:

YEAR 4 - SENIOR (30 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

DASC 436W
 Elective ¹
 Approved Area Electives ^{2&3}
 Approved Area Electives ^{2&3}
 Approved Area Electives ^{2&3}

VCCS Equivalency:

SPRING SEMESTER (15 credits)

Major Coursework:

IDS 493
 CYSE 368 or 494
 Elective ¹ (as needed to reach 120 credits total)
 Approved Area Electives ^{2&3}
 Approved Area Electives ^{2&3}

VCCS Equivalency:

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

¹ Elective courses may be taken for the remainder of the minimum 120 credits required for the degree.

² Students may need to complete prerequisites, depending on upper-level courses they select. Please see the catalog and/or consult with advisor for clarification.

³ From approved list -- please see list in catalog and/or consult with 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 one writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.