

2018-2019 Old Dominion University Catalog

Bachelor of Science-Interdisciplinary Studies: Cybersecurity

This is an Interdisciplinary Studies Bachelor of Science degree with a Major in Cybersecurity, 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 (32 CREDITS)

| FALL SEMESTER (16 credits) | Credits | SPRING SEMESTER (16 credits) | Credits | SUMMER |
|---|---------|--|---------|--------|
| <u>Lower Division General Education Coursework:</u> | | <u>Lower Division General Education Coursework:</u> | | |
| Written Communication I (ENGL 110C) | 3 | Written Communication II | 3 | |
| Oral Communication | 3 | Interpreting the Past | 3 | |
| Nature of Science I | 4 | Nature of Science II | 4 | |
| Human Behavior | 3 | Info. Literacy and Research | 3 | |
| <u>Major Coursework:</u> | | <u>Major Coursework:</u> | | |
| MATH 162M: Pre-Calculus I (Satisfies Mathematics) | 3 | Program Elective ¹ or Prerequisites Course ² | 3 | |

YEAR 2 - SOPHOMORE (30 CREDITS)

| FALL SEMESTER (15 credits) | Credits | SPRING SEMESTER (15 credits) | Credits | SUMMER |
|--|---------|--|---------|--------|
| <u>Lower Division General Education Coursework:</u> | | <u>Lower Division General Education Coursework:</u> | | |
| IT/CYSE 200T (Satisfies Impact of Technology) | 3 | CYSE 250 | 3 | |
| Literature | 3 | Human Creativity | 3 | |
| <u>Major Coursework:</u> | | <u>Major Coursework:</u> | | |
| Program Elective ¹ or Prerequisites Course ² | 3 | Program Elective ¹ or Prerequisites Course ² | 3 | |
| Program Elective ¹ or Prerequisites Course ² | 3 | Program Elective ¹ or Prerequisites Course ² | 3 | |
| Program Elective ¹ or Prerequisites Course ² | 3 | Program Elective ¹ or Prerequisites Course ² | 3 | |

YEAR 3 - JUNIOR (30 CREDITS)

| FALL SEMESTER (15 credits) | Credits | SPRING SEMESTER (15 credits) | Credits | SUMMER |
|--|---------|--|---------|--------|
| <u>Major Coursework:</u> | | <u>Lower Division General Education Coursework:</u> | | |
| IDS 300W: Interdisciplinary Theory & Concepts | 3 | Philosophy and Ethics (Can be met by PHIL 355E) | 3 | |
| Cyber Foundations ³ | 3 | <u>Major Coursework:</u> | | |
| Program Elective ¹ or Prerequisites Course ² | 3 | Cyber Foundations ³ | 3 | |
| Program Elective ¹ or Prerequisites Course ² | 3 | Cyber Applications ³ | 3 | |
| <div style="border: 1px solid black; padding: 2px;">Choose One (Law and Ethics):</div> | | Program Elective ¹ or Prerequisites Course ² | 3 | |
| <div style="border: 1px solid black; padding: 2px;">CRJS 405: Cyber Crime and Cybersecurity*</div> | 3 | Program Elective ¹ or Prerequisites Course ² | 3 | |
| <div style="border: 1px solid black; padding: 2px;">CRJS 406: Cyber Laws*</div> | | | | |
| <div style="border: 1px solid black; padding: 2px;">PHIL 355E: Computer Ethics</div> | | | | |

YEAR 4 - SENIOR (28 CREDITS)

| FALL SEMESTER (15 credits) | Credits | SPRING SEMESTER (15 credits) | Credits | SUMMER |
|--|---------|--|---------|--------|
| <u>Major Coursework:</u> | | <u>Major Coursework:</u> | | |
| Cyber Foundations ³ | 3 | Cyber Applications ³ | 3 | |
| Cyber Foundations ³ | 3 | Cyber Applications ³ | 3 | |
| CYSE 368 or CYSE 494 | 3 | Cyber Applications ³ | 3 | |
| Program Elective ¹ or Prerequisites Course ² | 3 | IDS 493 | 3 | |
| Program Elective ¹ or Prerequisites Course ² | 3 | Program Elective ¹ or Prerequisites Course ² | 1 | |

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

*If CRJS is taken, the Lower Division General Education requirement for the E course must still be completed (PHIL 230E, 250E or 355E).

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

² Students will need to complete 15-36 hours of prerequisites, depending on which application and foundation courses they select. Please

³ From approved list -- please see list in catalog and/or consult with advisor.