

Bachelor of Science

Criminal Justice

with a Major in

Cybercriminology (BS)

Roderick Graham, Coordinator

The Cybercriminology major at Old Dominion University offers students an interdisciplinary foundation for understanding crime and deviance online. Students gain knowledge in the legal aspects of cybercrime, open-source intelligence gathering (OSINT), operational security (OPSEC), crime mapping, and digital forensics. Emphasis is placed on working with digital technologies and solving real-world problems. In their final semester, students complete an entrepreneurship course in which they use their knowledge to propose a novel solution to a real-world problem. Students are encouraged, but not required, to specialize in one of two tracks:

- The Law and Policy* track introduces students to the legal frameworks and ethical considerations that shape the digital world.
- The Intelligence and Analysis** track prepares students to collect, interpret, and communicate information related to cyber threats.

* CRJS 320, CRJS 404, CRJS 411, CRJS 415, CRJS 416, CRJS 423, CRJS 445, CRJS 448, and CRJS 462.

** CRJS 305, CRJS 319, CRJS 344, CYSE 270, CYSE 300, CYSE 301, CYSE 407, CYSE 410, and SOC 428.

Requirements

Lower-Division General Education

Written Communication (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#written)	6
Oral Communication (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#oral)	3
Mathematics (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#math)	3
Language and Culture (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#language)	0-6
Information Literacy and Research (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#information)	3
Human Behavior (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#behavior)	3
Human Creativity (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#creativity)	3
Interpreting the Past (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#interpret)	3
Literature (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#literature)	3
Philosophy and Ethics (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#philosophy)	3
The Nature of Science (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#nature)	8
Impact of Technology (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#impact)	3

Written Communication: Grade of C or better required in both courses and in ENGL 110C before declaring major

STAT 130M is required for Mathematics.

SOC 201S is required for Human Behavior.

Upper-Division General Education

- Option A. Approved Minor, 12-24 hours; also second degree or second major.
- Option B. Interdisciplinary Minor, 12 hours specified by the department, 3 of which may be in the major area of study.
- Option C. An approved certification program such as teaching licensure.
- Option D. Two Upper-Division Courses from outside the College of Arts and Letters or from the Arts and Humanities Component within the College of Arts and Letters that are not required by the major (6 hours).

Requirements for Graduation

Requirements for graduation include the following:

- Minimum of 120 credit hours.
- Minimum of 30 credit hours overall and 12 credit hours of upper-level courses in the major program from Old Dominion University.
- Minimum overall cumulative grade point average of C (2.00) in all courses taken.
- Minimum overall cumulative grade point average of C (2.00) in all courses taken toward the major.
- Minimum overall cumulative grade point average of C (2.00) in all courses taken toward a minor.
- Completion of ENGL 110C, ENGL 211C or ENGL 231C, and the writing intensive (W) course in the major with a grade of C or better. The W course must be taken at Old Dominion University.
- Completion of Senior Assessment.

Cybercriminology Major

General Education

Complete lower-division requirements	41-47
Complete upper-division requirements	6

Foundation Courses

CRJS 215S	Introduction to Criminology	3
CRJS 222	The Criminal Justice System	3
CRJS 262	Law and the Criminal Justice System	3
CRJS 305	Introduction to Intelligence Analysis	3
CRJS 310	Cybercriminology: Foundations	3
CRJS/CPD/CYSE 406	Cyber Law	3
CRJS/CYSE 409	Crime and Computer Applications	3
CRJS 426W	Criminological Theory (C or better required)	3
CRJS 499	Entrepreneurship in Cybercriminology	3
SOC 337	Social Research Methods	3

Cybercriminology Major Electives ⁺

15

Select five of the following:

CRJS 306	Law Enforcement Intelligence ^{**}
CRJS 319	Public and Private Security ^{**}
CRJS 320	Law and Social Control [*]
CRJS 344	Social Science and Crime Mapping ^{**}
CRJS 368	Internship
CRJS 404	Law and Digital Forensics [*]
CRJS 411	Cyberlaw II [*]
CRJS 415	Courtroom As a Social System [*]
CRJS 416	The American Jury [*]
CRJS 423	Public Policy in Criminal Justice [*]
CRJS 445	Workplace Law and Society [*]
CRJS 448	Women, Sex Discrimination and the Law [*]
CRJS 462	Substantive Criminal Law [*]
CYSE 270	Linux System for Cybersecurity ^{**}
CYSE 300	Introduction to Cybersecurity ^{**}
CYSE 301	Cybersecurity Techniques and Operations ^{**}

CYSE 407	Digital Forensics **
CYSE 410	Artificial Intelligence (AI) Methods and Models **
SOC 428	Analysis of Online Deviance **
Total Credit Hours	92-98

- + Elective courses are organized by interest. Students only need to complete 15 hours across all elective course listed below to complete the requirement
- * Law and Policy interest area
- ** Intelligence & Analysis interest area

Electives

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

Suggested Minors

For students interested in law and policy, the following minors are recommended:

- Public Service Minor (<https://catalog.odu.edu/undergraduate/business/minors/public-service-minor/>)
- Public Law Minor (<https://catalog.odu.edu/undergraduate/arts-letters/political-science-geography/public-law-minor/>)

For students interested in intelligence and analysis, the following minors are recommended:

- Cybersecurity Minor (<https://catalog.odu.edu/undergraduate/cybersecurity/cybersecurity-minor/>)
- Data Science Minor (<https://catalog.odu.edu/undergraduate/data-science/data-science-minor/>)

Degree Program Guide

The Degree Program Guide is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.

Course	Title	Credit Hours
Freshman		
Fall		
ENGL 110C	English Composition (Grade of C or better required)	3
CRJS 215S	Introduction to Criminology	3
	Human Behavior: SOC 201S required	3
	Elective or Language and Culture (May be waived. See requirements section.)	3
	Human Creativity	3
Credit Hours		15
Spring		
STAT 130M	Elementary Statistics	3
CRJS 222	The Criminal Justice System	3
	Elective or Language and Culture (May be waived. See requirements section.)	3
	Interpreting the Past	3
	Elective	3
Credit Hours		15

Sophomore

Fall

ENGL 211C or ENGL 231C	Writing, Rhetoric, and Research (Grade of C or better required) or Writing, Rhetoric, and Research: Special Topics	3
CRJS 262	Law and the Criminal Justice System	3
	Nature of Science I	4
	Philosophy and Ethics	3
	Oral Communication	3
Credit Hours		16

Spring

CRJS 310	Cybercriminology: Foundations	3
	Literature	3
	Nature of Science II	4
	Impact of Technology	3
	Elective	3
Credit Hours		16

Junior

Fall

CRJS/CPD/CYSE 406	Cyber Law	3
CRJS 305	Introduction to Intelligence Analysis	3
	300-/400-Level Major Elective	3
	Upper Division General Education or Minor Course	3
	Elective	3
Credit Hours		15

Spring

CRJS/CYSE 409	Crime and Computer Applications	3
SOC 337	Social Research Methods	3
	300-/400-Level Major Elective	3
	Information Literacy and Research	3
	Upper Division General Education or Minor Course	3
Credit Hours		15

Senior

Fall

CRJS 426W	Criminological Theory (Grade of C or better required to meet University Writing Requirement)	3
	300-/400-Level Major Elective	3
	300-/400-Level Major Elective	3
	Elective or Minor Course	3
	Elective	3
Credit Hours		15

Spring

CRJS 499	Entrepreneurship in Cybercriminology	3
	300-/400-Level Major Elective	3
	Elective or Minor Course	3
	Elective	3

Elective	1
Credit Hours	13
Total Credit Hours	120

BA or BS to MBA (Master of Business Administration) Dual Dominion Program

The Dual Dominion BA/MBA or BS/MBA program is an early entry to the MBA program of study. The early-entry program is designed for well qualified non-business undergraduate ODU students to start their MBA program prior to completing their undergraduate degree. Well qualified non-business undergraduate students may take MBA-level courses as early as three semesters prior to graduation and count up to 12 graduate credits toward their undergraduate degree. Students participating in the early-entry program must earn a minimum of 150 credit hours (120 discrete credit hours for the undergraduate degree and 30 discrete credit hours for the graduate degree). Early-entry program students should carefully consider their undergraduate degree program requirements when planning their course of study. Students in the early-entry program work in close consultation with the MBA Program Office and should refer to information in the Strome College of Business section in the graduate catalog (<https://catalog.odu.edu/graduate/stromecollegeofbusiness/>) to develop an individualized plan of study based on the required coursework.

BA or BS to MPA (Master of Public Administration) Dual Dominion Program

The Dual Dominion BA/MPA or BS/MPA program provides qualified Old Dominion University undergraduate students with the opportunity to earn a master's degree in public administration while taking credits in the MPA program as an undergraduate student. The program is designed for highly motivated students with the desire to immediately continue their education after the bachelor's degree. The program is especially relevant to individuals seeking to work (or currently working) in the public or non-profit sectors, but is suitable for students from any undergraduate major. Graduate courses may be taken during the fall and spring semester of the student's senior undergraduate year. Up to 12 graduate credits can count toward both the undergraduate and graduate degree and can meet upper-level General Education requirements. After receiving the undergraduate degree, a student will continue with the MPA program, taking MPA courses until completing the required 39 credit hours. Students in the Dual Dominion program must earn a minimum of 150 credit hours (120 discrete credit hours for the undergraduate degree and 30 discrete credit hours for the graduate degree).

Requirements for admission to the graduate program can be found in the School of Public Service section of the Graduate Catalog (<https://catalog.odu.edu/graduate/business/public-service/>). For additional information, please contact the School of Public Service in the Strome College of Business.