CYBERCRIMINOLOGY - B.S.

College of Arts and Sciences
School of Multidisciplinary Social Sciences and Humanities
www.kent.edu/multidisciplinary-studies

About This Program

Dive into the thrilling world of cybercriminology and become a mastermind in the fight against digital threats! In Kent State's bachelor's degree, you'll unlock the secrets of cybercrime investigation, digital forensics and cyber law enforcement. Harness the power of technology to outsmart hackers, track down cyber criminals and safeguard the digital realm. With hands-on training, expert faculty and real-world simulations, you'll emerge ready to defend against the ever-evolving landscape of cyber threats. Read more...

Contact Information

- Program Coordinators:
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- Speak with an Advisor
  - Ashtabula Campus
  - East Liverpool Campus
  - Geauga Campus
  - Kent Campus
  - Salem Campus
  - Stark Campus
  - Trumbull Campus
  - Tuscarawas Campus
  - Twinsburg Academic Center
- Chat with an Admissions Counselor: Kent Campus | Regional Campuses

Program Delivery

- **Delivery:**
  - Fully online
  - Mostly online
- **Location:**
  - Ashtabula Campus
  - East Liverpool Campus
  - Geauga Campus
  - Kent Campus
  - Salem Campus
  - Stark Campus
  - Trumbull Campus
  - Tuscarawas Campus
  - Twinsburg Academic Center

Examples of Possible Careers and Salaries*

Computer and information systems managers

- 10.4% much faster than the average
- 461,000 number of jobs
- $151,150 potential earnings

Computer network support specialists

- 6.4% faster than the average
- 195,100 number of jobs
- $65,450 potential earnings

Database administrators and architects

- 9.7% much faster than the average
- 132,500 number of jobs
- $98,860 potential earnings

Detectives and criminal investigators

- 1.1% slower than the average
- 113,500 number of jobs
- $86,940 potential earnings

Information security analysts

- 31.2% much faster than the average
- 131,000 number of jobs
- $103,590 potential earnings

Network and computer systems administrators

- 4.3% about as fast as the average
- 373,900 number of jobs
- $84,810 potential earnings

Additional Careers

- Computer forensic analysts
- Cybercrime investigators
- Digital forensic investigators
- District attorney's office investigators
- Forensic analysts
- Incident managers
- Law enforcement agency (local, state, federal)
- Malware analysts
- Penetration testers
- Security architects
- State department

* Source of occupation titles and labor data comes from the U.S. Bureau of Labor Statistics' Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at which half of the workers in the occupation earned more than that amount and half earned less.

Admission Requirements

The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special

talents and adult students who graduated from high school three or more years ago.

First-Year Students on the Kent Campus: First-year admission policy on the Kent Campus is selective. Admission decisions are based upon cumulative grade point average, strength of high school college preparatory curriculum and grade trends. Students not admissible to the Kent Campus may be administratively referred to one of the seven regional campuses to begin their college coursework. For more information, visit the admissions website for first-year students.

First-Year Students on the Regional Campuses: First-year admission to Kent State's campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, as well as the Twinsburg Academic Center, is open to anyone with a high school diploma or its equivalent. For more information on admissions, contact the Regional Campuses admissions offices.

International Students: All international students must provide proof of English language proficiency unless they meet specific exceptions. For more information, visit the admissions website for international students.

Transfer Students: Students who have attended any other educational institution after graduating from high school must apply as undergraduate transfer students. For more information, visit the admissions website for transfer students.

Former Students: Former Kent State students or graduates who have not attended another college or university since Kent State may complete the reenrollment or reinstatement form on the University Registrar's website.

Admission policies for undergraduate students may be found in the University Catalog.

Some programs may require that students meet certain requirements before progressing through the program. For programs with progression requirements, the information is shown on the Coursework tab.

Program Requirements
Major Requirements

Code	Title	Credit Hours
Major Requirements (courses count in major GPA)		
CRIM 12000	INTRODUCTION TO JUSTICE STUDIES	3
CRIM 13000	CRIME AND TECHNOLOGY	3
CRIM 33200	CRIMINAL LAW	3
CRIM 34200	CRIMINAL PROCEDURES AND EVIDENCE	3
CRIM 36702	CRIMINOLOGY	3
CRIM 46800	INTELLIGENCE AND NATIONAL SECURITY	3
CRIM 46801	HOMELAND SECURITY	3
CRIM 46802	TERRORISM AND COUNTERTERRORISM	3
CRIM 46803	INFORMATION AND CYBER SECURITY	3
IT 11002	VISUAL BASIC PROGRAMMING	3
IT 11005	INTRODUCTION TO OPERATING SYSTEMS AND NETWORKING TECHNOLOGY	3
IT 11009	COMPUTER ASSEMBLY AND CONFIGURATION	4
IT 13000	APPLIED SECURITY ESSENTIALS	3
IT 21002	NETWORK SETUP AND CONFIGURATION	3
IT 21005	VISUAL BASIC DATABASE PROGRAMMING	4
IT 21100	LOCAL AREA NETWORK TROUBLESHOOTING	3
IT 21110	NETWORK ROUTING AND SWITCHING	3
IT 30000	PYTHON PROGRAMMING IN INFORMATION TECHNOLOGY	3
IT 36320	COMPUTER FORENSICS	3
IT 36321	NETWORK FORENSICS	3
IT 36322	SOCIAL MEDIA AND MOBILE DEVICE FORENSICS	3
or IT 46320	CLOUD FORENSICS	
IT 36330	NETWORK SECURITY FUNDAMENTALS	3
IT 36331	ADVANCED ROUTING AND SWITCHING	3
IT 36355	COMMAND LINE UTILITIES	3
IT 46331	NETWORK SECURITY AND FIREWALLS	3
SOC 32210	RESEARCHING SOCIETY (ELR) (WIC) [1]	3
TAS 47999	TECHNICAL AND APPLIED STUDIES CAPSTONE (ELR) (WIC) [1]	3
Additional Requirements (courses do not count in major GPA)		
SOC 12050	INTRODUCTION TO SOCIOLOGY (DIVD) (KSS)	3
UC 10001	FLASHES 101	1
Kent Core Composition		6
Kent Core Mathematics and Critical Reasoning [2]		3
Kent Core Humanities and Fine Arts (minimum one course from each)		9
Kent Core Social Sciences (must be from two disciplines)		3
Kent Core Basic Sciences (must include one laboratory)		6-7
Kent Core Additional		6
Minimum Total Credit Hours:		**120**

[1] A minimum C grade must be earned to fulfill the writing-intensive requirement.

[2] Students are strongly advised to take MATH 10041 or MATH 10051 to fulfill the Kent Core Mathematics and Critical Reasoning requirement.

Graduation Requirements

Minimum Major GPA	Minimum Overall GPA
2.000	2.000

Roadmap

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

Semester One		Credits
CRIM 12000	INTRODUCTION TO JUSTICE STUDIES	3
IT 11005	INTRODUCTION TO OPERATING SYSTEMS AND NETWORKING TECHNOLOGY	3
IT 13000	APPLIED SECURITY ESSENTIALS	3
SOC 12050	INTRODUCTION TO SOCIOLOGY (DIVD) (KSS)	3
UC 10001	FLASHES 101	1
Kent Core Requirement		3
	Credit Hours	**16**
Semester Two		
CRIM 13000	CRIME AND TECHNOLOGY	3
IT 11009	COMPUTER ASSEMBLY AND CONFIGURATION	4
Kent Core Requirement		3
Kent Core Requirement		3
Kent Core Requirement		3
	Credit Hours	**16**
Semester Three		
CRIM 33200	CRIMINAL LAW	3

IT 21002	NETWORK SETUP AND CONFIGURATION	3
Kent Core Requirement		3
Kent Core Requirement		3
Kent Core Requirement		3
	Credit Hours	**15**
Semester Four		
CRIM 34200	CRIMINAL PROCEDURES AND EVIDENCE	3
CRIM 36702	CRIMINOLOGY	3
IT 11002	VISUAL BASIC PROGRAMMING	3
IT 21110	NETWORK ROUTING AND SWITCHING	3
IT 36320	COMPUTER FORENSICS	3
	Credit Hours	**15**
Semester Five		
CRIM 46800	INTELLIGENCE AND NATIONAL SECURITY	3
IT 21005	VISUAL BASIC DATABASE PROGRAMMING	4
IT 21100	LOCAL AREA NETWORK TROUBLESHOOTING	3
IT 30000	PYTHON PROGRAMMING IN INFORMATION TECHNOLOGY	3
SOC 32210	RESEARCHING SOCIETY (ELR) (WIC)	3
	Credit Hours	**16**
Semester Six		
CRIM 46801	HOMELAND SECURITY	3
IT 36321	NETWORK FORENSICS	3
IT 36330	NETWORK SECURITY FUNDAMENTALS	3
IT 36331	ADVANCED ROUTING AND SWITCHING	3
IT 36355	COMMAND LINE UTILITIES	3
	Credit Hours	**15**
Semester Seven		
CRIM 46802	TERRORISM AND COUNTERTERRORISM	3
IT 36322 or IT 46320	SOCIAL MEDIA AND MOBILE DEVICE FORENSICS or CLOUD FORENSICS	3
IT 46331	NETWORK SECURITY AND FIREWALLS	3
Kent Core Requirement		3
Kent Core Requirement		3
	Credit Hours	**15**
Semester Eight		
CRIM 46803	INFORMATION AND CYBER SECURITY	3
TAS 47999	TECHNICAL AND APPLIED STUDIES CAPSTONE (ELR) (WIC)	3
Kent Core Requirement		3
Kent Core Requirement		3
	Credit Hours	**12**
	Minimum Total Credit Hours:	**120**

University Requirements

All students in a bachelor's degree program at Kent State University must complete the following university requirements for graduation.

NOTE: University requirements may be fulfilled in this program by specific course requirements. Please see Program Requirements for details.

Flashes 101 (UC 10001)	1 credit hour
Course is not required for students with 30+ transfer credits (excluding College Credit Plus) or age 21+ at time of admission.	
Diversity Domestic/Global (DIVD/DIVG)	2 courses
Students must successfully complete one domestic and one global course, of which one must be from the Kent Core.	

Experiential Learning Requirement (ELR)	varies
Students must successfully complete one course or approved experience.	
Kent Core (see table below)	36-37 credit hours
Writing-Intensive Course (WIC)	1 course
Students must earn a minimum C grade in the course.	
Upper-Division Requirement	39 credit hours
Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate.	
Total Credit Hour Requirement	120 credit hours

Kent Core Requirements

Kent Core Composition (KCMP)	6
Kent Core Mathematics and Critical Reasoning (KMCR)	3
Kent Core Humanities and Fine Arts (KHUM/KFA) (min one course each)	9
Kent Core Social Sciences (KSS) (must be from two disciplines)	6
Kent Core Basic Sciences (KBS/KLAB) (must include one laboratory)	6-7
Kent Core Additional (KADL)	6
Total Credit Hours:	**36-37**

Program Learning Outcomes

Graduates of this program will be able to:

1. Describe the scope of cyber threats and crimes.
2. Apply criminological theories to the commission of computer-related crimes.
3. Apply a solid foundational grounding in digital technologies to digital investigations to combat cybercrime or threats.
4. Compare and contrast digital and traditional evidence as it relates to investigation, processing and use in prosecution.
5. Define and apply policies that include privacy, regulatory, legal and ethical considerations as they relate to responding to and/or investigating cyber threats.

Full Description

The Bachelor of Science degree in Cybercriminology incorporates the understanding of computer systems and networks with criminal behavior and processes in identifying, preventing and investigating cyber-related threats and crimes. Students are involved in project-based research and other experiential learning opportunities in technology and the legal, ethical and criminology aspects of modern crime, making them well prepared for work in a myriad of professional positions ranging from security/intelligence analysts and investigators to network and security administrators.