Cybersecurity

[Polytechnic Institute]

Cybersecurity is the study of data security, or the prevention of the exposure of classified information within computer systems.

Who enjoys Cybersecurity?

Cybersecurity is a blend of business and modern technology. There are many levels of cybersecurity that involve various levels of programming and business. With a degree in Cybersecurity, you can seek jobs in whichever level suits you most.

Codoing to Cybersecurity

Acceptance into Cybersecurity is done on a space-available basis, so it is never truly guaranteed despite the fulfillment of the CODO requirements.

- 3.25 overall GPA
- C- or higher in required courses

Required Courses:
- CNIT 176 or CNIT 180
- Composition or humanities selective OR Oral com selective
-MA161 or equivalent

Additional Requirements
-100% on CIT CODO quiz, which covers CIT academic guidelines
-Must not be on academic probation

Plan of Study

The Cybersecurity plan of study is a mix of business, economics, and systems development classes. Majors should expect to take many statistics classes as well.

Major class examples

CNIT 42000, Basic Cyber Forensics

Introduces cyber-crime scene analysis fundamentals. Also covers laws and regulations dealing with computer forensic analysis.

CNIT 47000, Incident Response Management

How IT supports business-critical systems in day-to-day operations. Modern intrusion detection systems, system logs, and incident response handling.

CNIT 42200, Cyber Criminology

How computers can be either the target, or the tool in cybercrimes. Applying sociological, psychological, and criminological theories to explain why people engage in cybercrime.

After Graduation

Job titles of Cybersecurity graduates

- Computer Security Incident Responder
- Security Architect
- IT Security Admin
- Source Code Auditor
- Digital Security Analyst

Generally, Cybersecurity graduates *don't* go to grad school. This is likely as cybersec is a growing field with many available jobs right out of graduation