

CYBERSECURITY, BS

Campus: NYC, Westchester

Major Completion Summary

Requirement	Credits
University Core Requirements	56
Major Requirements	52
Open Electives	12

University Core Requirements (56)

See complete University Core (<https://catalog.pace.edu/undergraduate/university-core-curriculum/>) requirements.

Major Requirements (52)

Code	Title	Credits
Computing Core		
CS 113	Mathematical Structures for Computer Science	4
CS 121	Introduction to Computer Science	4
CIT 221	Global Networking Technology	4
CIT 241	Database Management	4
CYB 231	Operating Systems Concepts	4
Cybersecurity Core		
CYB 201	Introduction to Cybersecurity	4
CYB 211	Information Security Management	4
CYB 241	Secure Software Development and Analysis	4
CYB 323	Network Security and Defense	4
CYB 325	Ethical Hacking and Penetration Testing	4
CYB 491	Cybersecurity Capstone Project	4
Advanced Major Electives		
CYB 301	Applied Cyber Defense and Operations	4
CIT 361	Digital Forensics Overview	4
or CIT 363	Computer Forensics, Cyber Law and Evidence Admissibility	
or CIT 365	Mobile Device Forensics	
CIT 348	Data Mining	4
CIT 380	Applied AI with Deep Learning	4
CS 312	Research Methods in Computers and Society	3

Open Electives (12)

Code	Title	Credits
Open Electives		