Computer Science - Cyber Security Option (BS) - SPS

This major is offered online by the School of Professional Studies, in consultation with the Frank J. Guarini School of Business.

Bachelor of Science in Computer Science/Cyber Security Option

Major Requirements

MA-123	Elementary Calculus I (Core Math)	3
MA-124	Elementary Calculus II (Core Math)	3
MA-212	Elementary Statistics	3
CS-177	Intr to Computer Science & Cybersecurity	3
CS-190	Secure Software Development	3
CS-231	Software Engineering	3
CS-260	Information Technology Ethics	3
CS-332	Advanced Computing	3
CS-339	Computer Architecture & Operating System	3
IS-380	Database and Data Administration	3
IS-381	Cyber Security Planning and Risk Mgmt	3
IS-425	Disaster Recovery/Business Continuity	3
CS-489	Network Technology Protocols & Defense	3
CS-495	Cryptology	3
CS-496	Cybersecurity and Digital Forensics Lab	3
CS-499	Capstone for Computer Science	3
Total Credits		48

Special Notes on Core Curriculum Requirements for Computer Science Major/Cyber Security Option

[1]   Majors in CS/Cyber Security may not use CS or IS courses for the Core Natural Science Requirement.

Special Note on Major Requirements for Computer Science/Cyber Security Option

[1]   A student must maintain a 2.0 average in the CS-231 and CS-332 sequence to continue as a computer science major.