

Bachelor of Science in Cybersecurity

Plan of Study

Freshman Year – 30 Credits

CGS 1920 - Introduction to Computing (1 credit)
CGS 1540 - Introduction to Databases for All (3 credits)
MAC 1147 - Pre-Calculus Alg & Trig (4 credits)
PHY XXXX - Any Physics course (3-5 credits)
UCC courses (12 credits)
General Electives (5-7 credits)

Sophomore Year – 30 credits

PSY 2012 - Introduction to Psychology (3 credits)
ECO 2013 - Principles of Macroeconomics (3 credits)
STA 2023 - Stat for Business and Economics (3 credits)
MAD 2104 - Discrete Mathematics (3 credits)
or
COT 3100 - Discrete Structures (3 credits)
COP 2270 - Secure C Programming for Engineers (3 credits)
COP 2250 - Programming in Java (3 credits)
UCC courses (12 credits)

Junior Year – 30 credits

CEN 3721 - Human Computer Interaction (3 credits)
CGS 3095 - Technology in the Global Arena–*GL* (3 credits)
CGS 3767 - Computer Operating Systems (3 credits)
CGS 4285 - Applied Computer Networking (3 credits)
CNT 4403 - Computing & Network Security (3 credits)
COP 3804 - Intermediate Java (3 credits)
COP 4703 - Information Storage & Retrieval (3 credits)
ENC 3249 - Professional and Technical Writing for Computing (3 credits)
Interdisciplinary Courses (6 credits)

Senior Year – 30 credits

CIS 4365 - Enterprise Cybersecurity (3 credits)
CNT 4182 - Mobile & IoT Security (3 credits)
IDS 4918 - Capstone VIP Project (3 credits)
Cybersecurity Electives (9 credits)
Interdisciplinary Courses (3 credits)
General Electives (9 credits)

For students who are deficient in a foreign language, the general electives should include a two-semester sequence in one foreign language. Also, students are required to earn at least nine credit hours prior to graduation by attending one or more summer semesters at FIU or any other University in the Florida State system.