College of Engineering, Informatics, and Applied Sciences

Cybersecurity Bachelor of Science

2023-2024 Undergraduate Catalog

Progression Plan-Classic

Sample Progression Plans are for planning purposes
only; see the catalog for official details.

Year 1 - Fall	
CYB 126 Secure Design I	4
CS 105 Computing Tools I	1
CS 112 Introduction To The World Wide Web And Internet	3
MAT 121 or MAT 136	4
English Foundation	4

Year 1 - Spring	
CYB 136 Secure Design II	4
CS 212 Web Programming I	3
MAT 226 Discrete Mathematics	3
CCJ 101 or JUS 110	3
Liberal Studies and/or Diversity	3

Year 2 - Fall	
CS 345 Database Systems	3
CS 205 Computing Tools II	1
CS 312 Web Programming II	3
CCJ 250 or JUS 120	3
Liberal Studies Lab Science Lecture	3
Liberal Studies Lab Science Lab	1

Year 2 - Spring	
CYB 310 Malware Analysis	3
STA 270 or STA 275	3
EGR 333W Technology And Society	3
CYB Major Elective	3
Liberal Studies and/or Diversity	3

Year 3 - Fall	
CYB 402 Applied Cryptography	3
CS 305 Computing Tools III	1
INT 301 Intelligence And National Security	3
BBA 355 Management Of Information Technology Function	3
BBA 303 Business Management Fundamentals	3
General Elective Course	3

Year 3 - Spring	
CYB 404 Network Security	3
INT 315 Intelligence Collection, Analysis And Technology	3
BBA 370 Administration Of Information Technology Security And Assurance	3
CYB Major Elective	3
Liberal Studies and/or Diversity	3

Year 4 - Fall	
CYB 410 Secure Software	3
CYB 412 Secure Hardware	3
CYB Major Elective	3
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 4 - Spring	
CYB 486C Capstone Experience	4
CYB Major Elective	3
Liberal Studies and/or Diversity	3
General Elective Course	3