Cybersecurity Program Catalog 2023-24 – 120 Hours

Industry certification

and IT Risk

Management

Notes

Students are prepared to earn CompTIA N and Security+ certifications with some add study needed. Students are prepared to g

experience to earn CISSP certification.

1) MAC 1147 may require MAC 1105 Colle

req. Consult with the Department Adviss 2) Approved Cybersecurity Electives have see the Department website for more in

NOTE: This flowchart is provided as a guide; the catalog is the only definitive source of requirements.

Engli 3)The maximum number of credit hours fo EGN 3000/3000L 4947 in any combination is 9 credit hour ENC 1101 (3 hrs) (3 hrs) hours of CIS 4947 in a single company. Mathematics - 10 hours Science - 6 hours Composition I Foundations of 4) Students may be required to complete b Engineering civic literacy course and a passing score STA 2023 (3 hrs) MAC 1147 (4 hrs) civic literacy assessment before gradua PreCalc Alg/Trig Introductory Consult the catalog. Statistics 1 COP 2512 (3 hrs) CGS 1540 (3 hrs) Programming Intro to Fund for IT Databases MAD 2104 (3 hrs) Discrete Math Breadth courses - 6 hours CGS 3303 (3 hrs) COP 2513 (3 hrs) CIS 3213 (3 hrs) IT Concepts Obj Oriented Foundations of Program for IT Cybersecurity PSY 2012 (3 hrs) ECO 2013 (3 hrs) Intro to **Econ Principles** Psychological Sci Macroeconomics COP 3515 (3 hrs) CIS 3363 (3 hrs) Adv Program IT Systems Design for IT Security CNT 4104/4104L COP 4538 (3 hrs) CEN 3722 (3 hrs) (4 hrs) Data Struc and Human Comp Comp Info Algorithms for IT Interfaces for IT Networks for IT w/ lab CGS 3853 (3 hrs) ISM 4323 (3 hrs) CNT 4403 (3 hrs) COP 4703 (3 hrs) **Network Security** Adv Database Web Systems for Information Sec

and Firewalls

Systems for IT