Flowchart	USF BS in Cybersecurity (B.S.Cy.S.)	2024-25 Catalog, 120 hours

Lower Division Status	Upper Division Status					
Year 1		Year 2		Summer	Year 3		Year 4	
Fall 13 hrs	Spring 15 hrs	Fall 12 hrs	Spring 12 hrs	9 hrs	Fall 15 hrs	Spring 16 hrs	Fall 15 hrs	Spring 13 hrs

Flowchart course boxes:

- CGS 1540 Intro to Databases 3 hrs F, S, Su
- ★ MAD 2104 Discrete Math 3 hrs F, S, Su
- CL General Elective 3 hrs F, S, Su
- CL General Elective 3 hrs F, S, Su
- Cybersecurity Elective 3 hrs F, S
- Cybersecurity Elective 3 hrs F, S
- Cybersecurity Elective 3 hrs F, S
- Cybersecurity Elective 3 hrs F, S
- CIS 3213 Found. Of Cyber Security 3 hrs F, S, Su
- CIS 4219 Human Aspects of Cybersec. 3 hrs F, S
- Cybersecurity Elective 3 hrs F, S
- ★ MAC 1147 Pre-Calculus Algebra & Trig 4 hrs F, S, Su
- ★ COP 2512 Prog. Fundamentals 3 hrs F, S, Su
- ★ COP 2513 IT Object-Oriented Prog. 3 hrs F, S
- COP 3515 Adv. Program Design 3 hrs F, S, Su
- COP 4538 Data Struct. & Algorithms 3 hrs F, S, Su
- COP 4703 Adv Database Systems (TGEH) 3 hrs F, S
- EGN 3000 Foundations of Engineering *Required F, S*
- EGN 3000L Foundations of Eng Lab (Creative Thinking) 3 hrs F, S
- ★ ECO 2013 Macroeconmics (Gen Ed Core Social Science) 3 hrs F, S, Su
- Cybersecurity Elective 3 hrs F, S
- CIS 4200 Pentration Testing 3 hrs F, S
- ★ PSY 2012 Intro to Psych (Gen Ed Core Social Science) 3 hrs F, S, Su
- St. GenEd Humanities Elective 3 hrs F, S, Su
- ★ PHY 2020 Conceptual Physics 3 hrs F, S, Su
- ★ STA 2023 Intro Statistics 3 hrs F, S, Su
- CIS 4622 Hands-on Cybersecurity 3 hrs F, S
- CNT 4104 Comp. Info. Networks 3 hrs F, S
- CNT 4403 Network Sec. & Firewalls 3 hrs F, S
- LIS 4414 Info Policy & Ethics (TGEE) 3 hrs F, S
- ISM 4323 Info Security & IT Risk Mgmt. 3 hrs F, S
- CNT 4104L Comp. Info. Networks Lab 1 hr F, S
- Gen Ed Human & Cultural Diversity 3 hrs F, S, Su
- Apply for Graduation!
- ENC 1101 Composition I 3 hrs F, S, Su
- ENC 1102 Composition II 3 hrs F, S, Su
- Apply for Upper Division! End of Term (ULDP)
- Gen Ed Natural Science Elective 3 hrs F, S, Su
- Gen Ed Info & Data Literacy 3 hrs F, S, Su
- ENC 3246 Communication for Engineers 3 hrs F, S, Su
- CL General Elective 3 hrs F, S, Su
- CL General Elective 3 hrs F, S, Su
- CL General Elective 4 hrs F, S, Su

LEGEND

Term & Sequence	Progression to the Upper Division	General Education Notes		Course and Major Notes
F = Fall S = Spring Su = Summer (**tentative**) → Pre-requisite ---→ Pre/Co-requisite ----- Co-requisite	**Min grade B (not B-) in CGS 1540** and a minimum grade average (see Dept website) in the bold-bordered courses to be eligible for Progression to Upper Division. 🔒 Restricted classes. Max 2 classes may be taken as a Lower Division student.	⋯ Course meets Enhanced General Education Requirement. CL **Civic Literacy** requirement must be met with credit for AMH 2010 (fall 2024 or later), AMH 2020, or POS 2041 **and** passing the Florida Civics Literacy exam.	Max 2 attempts to earn *required* course grade (W, IF, U, R count). 🔲 High priority course Summer Internship/Co-op in 3rd year is recommended.	MIN GRADES: Unless otherwise stated, min grade in specialization courses is a C- and the min. grade in math, science, and engr and ★ state mandated courses is C. MIN GPA: 2.0 Semester, Engineering, Specialization, USF, and Overall