



ARTS AND SCIENCES COMPONENT

Communications

Must include **6 credits** in the Written English Requirement

**Credit
Hours**

9

Ethics

3

Humanities

3

Social Sciences/History

9

Mathematics and Natural Sciences

- Natural Science
- Discrete Math
- Calculus I
- Calculus II
- Statistics

15

Arts and Sciences Electives

May be taken from any areas of humanities, social sciences/history, natural sciences, or math

21

TOTAL ARTS AND SCIENCES COMPONENT

60

CYBERSECURITY COMPONENT

Introduction to Microprocessors or
Computer Systems Architecture
Introduction to Cybersecurity
Governance, Legal and Compliance
Cybersecurity Defense in Depth
Cyber Attacks and Defense

Security Focused Risk Management
Business Data Communications
Operating Systems
Overview of Computer Security
Network and Application Security

Computer Forensics
System Administration
CYS 496 Cybersecurity Capstone^①

**Credit
Hours**

CONCENTRATION REQUIREMENTS

One of the following concentrations must be declared (see pages 4 and 5 of this addendum for concentration requirements)

- General Track
- Cyber Operations
- Health Care Cybersecurity

TOTAL CYBERSECURITY COMPONENT 15 CREDITS MUST BE UPPER LEVEL

52

FREE ELECTIVE COMPONENT

Must include **1-credit Information Literacy Requirement**

**Credit
Hours**

8

TOTAL FREE ELECTIVE COMPONENT

8

TOTAL DEGREE CREDITS

120

^① **CYS 496 Cybersecurity Capstone** is the required capstone course and must be taken through Excelsior College. It cannot be transferred in.