Houghton University

Computer Science with Cybersecurity Concentration BS

(32–33 hours in core; 8–12 corequisite hours; 9 hours in concentration)

Total Major LA Credits: 0

Computer Science Major Requirements	Credits	Liberal Arts
Corequisite Courses* (8-12 hours)		
☐ MATH		LA
☐ MATH 210 Introduction to Proofs	2	LA
☐ MATH/CSCI 214 Discrete Mathematics	2	LA
Core Courses* (32-33 hours)		
☐ CSCI 211 Programming I	4	
☐ CSCI 218 Programming II	4	
☐ CSCI 226 Computer Architecture	4	LA
☐ CSCI 236 Data Structures and Algorithms	4	
☐ CSCI 340 Databases	4	
☐ CSCI 345 Machine Learning	4	LA
☐ CSCI 3		
☐ CSCI 480 Senior Capstone: Senior Seminar	4	LA
☐ STEM 371 Career Seminar	1	
Cybersecurity Concentration (9 hours)		
☐ CSCI 105 Introduction to Cybersecurity	3	
☐ CSCI 205 Cybercrime and Governance	3	
☐ CSCI 305 Cyber Forensics	3	

Degree Requirements

Earned a C- or above in each Major/Concentration/Minor credit	☐
Minimum of 124 credit hours completed	
Minimum of 62 Liberal Arts credits	
At least 50% of major completed through Houghton	☐
30 credit hours from Houghton	☐
18 of the last 24 credit hours are from Houghton	☐

Official degree and program requirements are housed in the Registrar's Office. This degree audit worksheet serves as an advising tool; it is not a contract, an academic transcript, or an official notification of completion of degree/program requirements. It is the student's responsibility to be aware of and understand the requirements of his/her degree program. If assistance is needed, students should consult their academic advisor and the University's academic catalog.

*Detailed Options

Corequisite Options

MATH 181 Calculus I *or* MATH 170/171 Calculus I with Pre-calculus A and B

Core Course Options

CSCI 380	Collaborative Research in Computer Science	4	LA
CSCI 393	Summer Collaborative Research in Computer Science	3-4	LA