HOUGHTON UNIVERSITY

2022-2023 Houghton University Degree Audit Sheet

Student:	**Minimum 124 semester hours required for graduation** **18 of the last 24 hours must be at Houghton** **Must have 30 hours at Houghton** **One half of major must be at Houghton** *Must have C- or above in each course to meet Major, Concentration, or Minor credit* *Must have 62 liberal arts credits for a BS degree*
Major: **Computer Science**	
Minor:	
BS Advisor:	

Computer Science Major	***57-61 hrs***
General Education *(see GenEd Audit Sheet)*	
Co-Requisites	**8-12 hrs**
(4 or 4,4) MATH 181 Calculus I *or* MATH 170/171 Calculus I with Pre-calculus A and B *or* MATH 161 Calculus for the Life Sciences LA	(2) MATH/CSCI 214 Discrete Mathematics LA
(2) MATH 210 Introduction to Proofs LA	

Half of credits listed below must be taken at Houghton

Core Requirements	**49 hrs**
(4) CSCI 211 Programming I	(4) CSCI 420 Networking LA
(4) CSCI 218 Programming II	Three CSCI electives (to total 12 credits)
(4) CSCI 226 Computer Architecture LA	(4) CSCI
(4) CSCI 236 Data Structures & Algorithms	(4) CSCI
(4) CSCI 340 Databases LA	(4) CSCI
(4) CSCI 345 Machine Learning	(1) STEM 371 Career Seminar
(4) CSCI 380 Coll. Research in Computer Science	(4) CSCI 480 Senior Capstone: Senior Seminar LA