2018-2019 **Houghton College 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 BS degree*
Major: **Computer Science**	
Minor:	
BS Advisor:	

Computer Science Major	***(53-57 hrs)***
General Education *(see GenEd Audit Sheet)*	
Co-requisites	**8-12 hrs**
(4/4,4) MATH 181 Calculus I <u>or</u> MATH 170/171 Calculus I with Pre-calculus A & B <u>or</u> MATH 160 Mathematics for the Life Sciences and MATH 161 Calculus for the Life Sciences LA	
(2) MATH 210 Introduction to Proofs LA	(2) MATH 214/CSCI 214 Discrete Mathematics LA
Half of credits listed below must be taken at Houghton	
Major Requirements	**45 hrs**
(4) CSCI 211 Programming I	(4) CSCI 218 Programming II
(4) CSCI 345 Machine Learning	(4) CSCI 236 Data Structures & Algorithms
(4) CSCI 226 Computer Architecture LA	(4) CSCI 340 Data Bases LA
(4) CSCI 420 Networking LA	(4) CSCI Elective
(4) CSCI Elective	(4) CSCI Elective
(1) STEM 371 Career Seminar	(4) CSCI 480 Senior Capstone: Senior Seminar LA

03-08-18