**2016-2017** **Houghton College Degree Audit Sheet**

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

| ***Computer Science Major*** | ***(53-57 hrs)*** |
|---|---|

***Integrative Studies*** *(see IS Audit Sheet – 2nd Creation met by major)*

| ***Pre/Co-requisites*** | **8-12 hrs** |
|---|---|
| (4/4,4) Calculus I ***OR*** Calculus I with Pre-calculus A **&** B ***OR*** Calculus for Life Sciences A **&** B ***LA*** | |
| (2) Introduction to Proofs LA | (2) Discrete Mathematics LA |

***Half of credits listed below must be taken at Houghton***

| ***Major Requirements*** | **45 hrs** |
|---|---|
| (4) Programming I | (4) Programming II |
| (4) Programming III LA | (4) Data Structures & Algorithms |
| (4) Computer Architecture LA | (4) Data Bases LA |
| (4) Networking LA | (4) Elective |
| (4) Elective | (4) Elective |
| (1) STEM Career Seminar | (4) Senior Seminar LA |
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