HOUGHTON UNIVERSITY

2022-2023 Houghton University Degree Audit Sheet

Student:	**Minimum 124 semester hours required f*or* graduation** **18 of the last 24 hours must be at Houghton** **Must have 30 hours at Houghton** **One half of maj*or* 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: **Applied Physics**	
Minor:	
BS Advisor:	

Applied Physics Major ***(70 hrs)***

General Education *(see GenEd Audit Sheet)*

Half of credits listed below must be taken at Houghton

Core Requirements			**70 hrs**
(4) MATH 181 Calculus I	LA	(2) PHYS 275 Experimental Physics Lab I	LA
(4) MATH 182 Calculus II	LA	(2) PHYS 276 Experimental Physics Lab II	LA
(4) MATH 225 Multivariate Calculus	LA	(2) PHYS 308 Numerical Analysis	LA
(4) MATH 241 Differential Equations	LA	(3) PHYS 352 Adv. Mechanics *or* PHYS 354 Adv. Electricity & Magnetism *or* PHYS 356 Quantum Mechanics	LA
(4) PHYS 151 General Physics I	LA	(3) PHYS 353 Electricity & Magnetism	LA
(4) PHYS 152 General Physics II	LA	(3) PHYS 355 Thermal Physics	LA
(2) PHYS 171 Introduction to Engineering Design		(2) PHYS 371 Physics Project Lab	LA
(2) PHYS 211 Applied Programming		(2) PHYS 372 Physics Project Lab	LA
(2) PHYS 212 Modern Physics	LA	(2) PHYS 373 Physics Project Lab	LA
(3) PHYS 215 Statics	LA	(2) PHYS 374 Physics Project Lab	LA
(3) PHYS 251 Dynamics	LA	(3) PHYS 482 Senior Capstone: Physics Sem.	LA
(4) PHYS 258 Analog Electronics	LA	(1) STEM 371 Career Seminar	
(3) PHYS 259 Digital Electronics	LA		