

Houghton University

Exercise Science BS with Graduate Track

(45 hours in core; 8 prerequisite hours)

Total Major LA Credits: 0

Exercise Science Major Requirements

Credits

Liberal Arts

Prerequisite Courses (8 hours)

BIOL 151 General Biology: Organisms to Ecosystems
 BIOL 152 General Biology: Cellular Biology and Genetics

	4	LA
	4	LA

Core Courses (19 hours)

BIOL 210 Medical Terminology
 BIOL 217 Human Anatomy & Physiology I
 BIOL 218 Human Anatomy & Physiology II
 EXS 352 Pre-PT Field Experience I
 EXS 353 Pre-PT Field Experience II
 PSY/BADM 309 Statistics
 SRWM 308 First Aid & Safety

	2	
	4	LA
	4	LA
	2	
	2	
	4	LA
	1	

Additional Requirements (15 hours)

BIOL 251 Genetics
 BIOL 482 Biology Senior Capstone
 CHEM 151 General Chemistry I
 CHEM 152 General Chemistry II
 STEM 371 Career Seminar

	4	LA
	2	LA
	4	LA
	4	LA
	1	

Psychology Elective* (3 hours)

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PSY

Biology Electives* (8 hours)

BIOL
 BIOL
 BIOL

Degree Requirements

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

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

Psychology Elective Options

Any PSY course above 200

Biology Elective Options

Any BIOL course above 218 (choose two)

Additional Elective Options

needed for some graduate programs – consult advisor

EXS 275	Injury Evaluation & Management	3	
EXS 277	Therapeutic Exercise & Rehabilitation	3	
EXS 345	Exercise Physiology	4	
EXS 347	Kinesiology	4	LA
MATH 181	Calculus I <i>or</i> MATH 170/171 Calculus I with Precalculus A and B	4-8	LA
PHYS 151	General Physics I	4	LA
PHYS 152	General Physics II	4	LA

Recommended Courses

BIOL 201	Emergency Medical Service Basic Training	0-2	
BIOL 209	Introduction to Nutrition	3	LA
BIOL 232	Epidemiology	2	LA
COMM 101	Presentational Speaking	2	LA
PHIL 240	Medical Ethics	3	LA
SOC 101	Introduction to Sociology	3	LA
SRWM 325	Certified Personal Trainer	2	
SRWM 326	Strength & Conditioning	2	