

# Health Sciences

## Major

The Health Sciences major offers students opportunities to explore coursework in a range of disciplines related to human health. A major in Health Sciences consists of the Health Sciences Core, four directed electives, one additional elective, the Health Sciences Senior Seminar, and requires a minimum of 49 credits. Health Sciences students will work with their academic advisors to select appropriate elective coursework. Depending on the career or graduate training plans of the student, additional courses may be necessary beyond the minimum required for the major. Students should plan to complete the three introductory science courses in their first two or three semesters.

A student wishing to double major in Health Sciences and another field may count no more than 12 credit hours in the major field towards both majors.

## Health Sciences Core

[CH 110](#): Requires [MA 133](#) or equivalent.

Item #	Title	Credits
	<b>BI 110 or BI 107</b>	<b>4.0</b>
BI 110	Biological Investigation	4.0
BI 107	Human Biology	4.0
	<b>CH 103 or CH 110</b>	<b>4.0</b>

## CH 103 or CH 110

CH 103	General, Organic, & Biological Chemistry	4.0
CH 110	General Chemistry	4.0
PS 101	Introduction to Psychology	4.0
	<b>PS 276 or PS 346</b>	<b>4.0</b>

## PS 276 or PS 346

PS 276	Lifespan Development	4.0
PS 346	Abnormal Psychology	4.0
BI 215	Medical Terminology	2.0
BI 315	Anatomy and Physiology I	4.0
BI 316	Anatomy and Physiology II	4.0

## Directed Electives

In consultation with their advisors, students choose four electives at or above the 200-level from at least two different disciplines from the following list:

Item #	Title	Credits
BI 207	Molecular Genetics	4.0
BI 245	Microbiology	4.0
BI 342	Parasitology	4.0
CH 203	Organic Chemistry I	4.0
CH 211	Quantitative Analysis	4.0
KI 225	Nutrition	4.0
KI 335	Personal Wellness and Fitness	4.0
KI 340	Exercise Physiology	4.0
KI 232	Motor Development	4.0
KI 308	Prevention and Care of Athletic Injuries	4.0
NU 254	Nursing Fundamentals I	4.0
PS 261	Neuropharmacology: Drugs and Behavior	4.0
PS 275	Child Development	4.0
PS 276	Lifespan Development	4.0
PS 312	Adolescent Psychology	4.0
PS 346	Abnormal Psychology	4.0
PY 181	General Physics I	4.0
PY 182	General Physics II	4.0

One additional social science/humanities elective selected from:

[SO 218](#), [SO 337](#): Requires [SO 101](#) Introduction to Sociology

Item #	Title	Credits
CO 226	Intercultural Communication	4.0
CO 381	Health Communication	4.0
EN 145	Literature and Science	4.0
HI 234	Sex, Science and the Female Body	4.0
PH 115	Introduction to Logic and Critical Thinking	4.0
SO 218	Social Problems	4.0
SO 337	Aging and the Life Course	4.0

## Capstone

Complete either HS 402 Senior Seminar or the Interdisciplinary Capstone IS 485: A Liberal Arts Survival Guide or BI 404 for students who have conducted research with a faculty member in biology. A student who is a double major and takes the associated capstone course for their second major may waive the requirement for a separate capstone for the health sciences major as long as they take an additional directed elective in Health Sciences (see list above).

Item #	Title	Credits
HS 402	Senior Seminar	4.0
IS 485	A Liberal Arts Survival Guide	4.0
BI 404	Research Experience Capstone	3.0-4.0
<b>Total Credits</b>		<b>49</b>