

HEALTH SCIENCE MAJOR

Bachelor of Science

As of Fall 2021

Major Requirements: 67-68 semester hours. At least 34 semester hours of health science course work must be taken at Aquinas. All majors must attend at least 12 science division presentations, complete 6 hours of health science-related service learning, and take the Major Field Test. A GPA of at least 2.0 must be maintained in math and science courses taken at Aquinas. Only courses with a grade of C- or better will count toward the major.

AQUINAS REQUIREMENTS

_____	BY 155 Human Anatomy & Physiology I	4.0
_____	BY 156 Human Anatomy & Physiology II	4.0
_____	BY 170 Introduction to Organisms	4.0
_____	BY 171 Introduction to Cells	4.0
_____	BY 328 Genetics	5.0
_____	BY 499 Senior Seminar	3.0
_____	CS 152 Spreadsheets	1.0
_____	CY 111 General Chemistry I	4.0
_____	CY 112 General Chemistry II	4.0
_____	CY 211 Organic Chemistry I	4.0
_____	CY 212 Organic Chemistry II	4.0
_____	CY 325 Biochemistry	4.0
_____	MS 114 College Algebra and Trigonometry or higher	4.0
_____	MS 252 Statistics	3.0
_____	PC 201 General Physics: Mechanics, Sound, Heat	4.0
_____	PC 202 Gen Physics: Elect, Mag, Light, Nuclear Physics OR	4.0
_____	PC 213 General Physics w/Calc: Mech, Sound, Heat	4.0
_____	PC 214 Gen Phys w/Calc: Elect, Mag, Light, Nuc Phys	4.0

One Health Science Elective:

_____	BY 231 Microbiology	4.0
_____	BY 324 Neuroscience	4.0
_____	BY 326 Cell Biology	4.0
_____	BY 361 Immunology	4.0
_____	BY 372 Physiology	4.0

One Natural Science Elective:

_____	BY 241 Ornithology	3.0
_____	BY 264 Plant Taxonomy	3.0
_____	BY 275 Aquatic Field Biology	3.0
_____	BY 350 Evolution	4.0
_____	BY 352 Ecology	3.0

TRANSFER EQUIVALENTS

_____	BI 121 Human Anatomy & Physiology I
_____	BI 122 Human Anatomy & Physiology II
_____	BI 152 Biological Diversity OR
_____	BI 153 AND 154 Plant/Animal Biology
_____	BI 151 Intro to Cells, Molecules, Genes

_____	CIS 156 Excel

_____	CHM 130 & 131 (combined) Gen Chem
_____	CHM 140 & 141 (combined) Gen Chem
_____	CHM 260 & 261 (combined) Organic Chem
_____	CHM 270 & 271 (combined) Organic Chem

_____	MA131 Precalculus
_____	MA 215 Statistics

_____	PH 125 College Physics 1
_____	PH 126 College Physics 2

_____	PH 245 Calculus Physics 1
_____	PH 246 Calculus Physics 2

_____	BI 127 Microbiology

_____	BI 215 General Ecology

Please Note: Aquinas College reserves the right to change, modify or amend the above-stated requirements and/or courses in its sole discretion and without prior notice.

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