

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, F	4.0
_____	PC 202 Gen Physics: Elect, Mag, Light, Nuclea	4.0
	OR	
_____	PC 213 General Physics w/Calc: Mech, Sound,	4.0
_____	PC 214 Gen Phys w/Calc: Elect, Mag, Light, Nu	4.0

TRANSFER EQUIVALENTS

_____	BIOL201 HUMAN ANATOMY
_____	BIOL202 HUMAN PHYSIOLOGY
_____	BIOL128 ORGANISMAL BIOLOGY
_____	BIOL127 CELL BIOLOGY
_____	BIOL270 HUMAN GENETICS & BIOL275 MOLECULAR BIOLOGY I
_____	CITA126 MICROSOFT EXCEL
_____	CHEM151 GENERAL CHEMISTRY LECTURE I & CHEM161 GENERAL CHEMISTRY LAB I
_____	CHEM152 GENERAL CHEMISTRY LECTURE II & CHEM162 GENERAL CHEMISTRY LAB II
_____	CHEM251 ORGANIC CHEMISTRY LECTURE I & CHEM272 ORGANIC CHEMISTRY
_____	CHEM252 ORGANIC CHEMISTRY LECTURE II
_____	MATH122 PRECALCULUS II or MATH126 ACCELERATED PRE-CALCULUS
_____	PHYS251 PHYSICS I WITH CALCULUS

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

BIOL203 MICROBIOLOGY & BIOL204 MICROBIOLOGY LABORATORY

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	_____

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

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