

## INTEGRATED SCIENCE MAJOR - SECONDARY EDUCATION

Bachelor of Science - Teacher Certification  
fall 2021

Major Requirements: 56 semester hours. **At least 18 semester hours must be taken at Aquinas.** This major must be combined with the Secondary Professional Preparation courses required for teacher certification. Only courses with a grade of C or better

### AQUINAS REQUIREMENTS

_____	BY 170 Introduction to Organisms	4.0
_____	BY 171 Introduction to Cells	4.0
_____	BY 270 or CY 270 Secondary Science Practicum	3.0
_____	BY 352 Ecology	3.0
_____	BY 372 Physiology	4.0
_____	CS 152 Spreadsheets	1.0
_____	CY 111 General Inorganic Chemistry	4.0
_____	CY 112 General Inorganic Chemistry	4.0
_____	CY 211 General Organic Chemistry	4.0
_____	CY 212 General Organic Chemistry	4.0
_____	EN 275 Science in the Classroom	3.0
_____	GY 101 Earth Environments	4.0
_____	MS 151 Elementary Statistics	3.0
_____	PC 201 Mechanics, Sound and Heat OR PC 213 Mechanics, Sound, Heat w/calc	4.0
_____	PC 202 Electricity, Magnetism & Light OR PC 214 Electricity, Mag, Light w/calc	4.0
_____	PC 295 Observational Astronomy	4.0

### TRANSFER EQUIVALENTS

_____	BIOL128 ORGANISMAL BIOLOGY
_____	BIOL127 CELL BIOLOGY
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_____	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
_____	ISCI121 INTEGRATED SCI FOR EDUCATION I
_____	GEOG221 PHYSICAL GEOGRAPHY
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_____	STAT170 INTRODUCTION TO STATISTICS
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_____	ASTR201 INTRODUCTORY ASTRONOMY

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.