

## INTEGRATED SCIENCE MAJOR - ELEMENTARY EDUCATION

Bachelor of Science - Teacher Certification  
fall 2021

Major Requirements: 45 semester hours. **At least 18 semester hours must be taken at Aquinas.** the Elementary Professional Preparation courses required for teacher certification. Only courses wit toward the major.

### AQUINAS REQUIREMENTS

|       |   |     |       |                        |
|-------|---|-----|-------|------------------------|
| _____ | BY 123 Environmental Biology                    | 3.0 | _____ | <u>BIOL120 ENVI</u>    |
| _____ | BY 150 Human Biology                            | 4.0 | _____ | <u>BIOL145 INTR</u>    |
| _____ | BY 170 Introduction to Organisms                | 4.0 | _____ | <u>BIOL128 ORG</u>     |
| _____ | BY 171 Introduction to Cells                    | 4.0 | _____ | <u>BIOL127 CELL</u>    |
| _____ | CS 152 Spreadsheets                             | 1.0 | _____ | <u>CITA126 MICF</u>    |
| _____ | CY 111 General Inorganic Chemistry              | 4.0 | _____ | <u>CHEM151 GEI</u>     |
| _____ | CY 112 General Inorganic Chemistry              | 4.0 | _____ | <u>&amp; CHEM161 G</u> |
| _____ | EL 100 Introduction to Environmental Studies    | 3.0 | _____ | <u>CHEM152 GEI</u>     |
| _____ | GY 101 Earth Environments                       | 4.0 | _____ | <u>&amp; CHEM162 G</u> |
| _____ | GY 129 Physical Geography of Michigan           | 3.0 | _____ | <u>ISCI131 INTEC</u>   |
| _____ | PC 201 Mechanics, Sound and Heat OR PC 213      |     | _____ | <u>GEOG221 PH'</u>     |
| _____ | 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 | _____ | <u>ASTR201 INTI</u>    |

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

**Quinn College**

This major must be combined with  
which a grade of C or better will count

REQUIREMENTS

ENVIRONMENTAL SCIENCE

GENERAL ANATOMY AND PHYSIOLOGY

GENERAL ANIMAL BIOLOGY

GENERAL CELL BIOLOGY

MICROSOFT EXCEL

GENERAL CHEMISTRY LECTURE I

GENERAL CHEMISTRY LAB I

GENERAL CHEMISTRY LECTURE II

GENERAL CHEMISTRY LAB II

GENERAL INTEGRATED PHYSICAL SCIENCE

GENERAL PHYSICAL GEOGRAPHY

GENERAL INTRODUCTORY ASTRONOMY

Requirements and/or courses