

## 2025-2026 Academic Year

Requirements Effective Fall 2024

Min. Grad. Req: 120 Hrs., 30 UD Hrs., 2.5 GPA Institut. & Cum., 2.75 Major GPA

Reviewed by: \_\_\_\_\_

Date: \_\_\_\_\_

## (B.S.) SCIENCE EDUCATION

Name & Student ID # \_\_\_\_\_

Expected Graduation Date: \_\_\_\_\_

### General Education Requirements

- 3 THEO 110 Intro to Christianity
- 3 BLIT 210 Christian Scriptures
- 3 CMIN 310 Christian Living
- 2-3 Approved Stewardship Course\* \_\_\_\_\_
- 6 Approved Humanities Courses\*

#### Select 3 hours from two different areas:

Fine Arts, Literature, Philosophy, or SPAN 212

- 3 HIST 200 Western Civilization
- 3-8 Elementary Foreign Language I & II (SPAN 111/112 or FREN 101/102)  
**OR** an approved Intercultural Understanding course\*

\* See [olivet.edu/registrar](http://olivet.edu/registrar) for an approved list of courses

- Students completing a minor must complete a minimum of 6 unique hours between major and minor.
- Students pursuing a double major or greater must complete a minimum of 20 unique hours (excludes supporting courses)

### General Education Requirements (for Teachers)

- 3 COMM 105 Fundamentals of Communication
- 3 ENGL 109 College Writing I\*\*
- 3 ENGL 207 College Writing II (CSE)
- 3 PSCI 223 American Government

#### REQUIRED Before Teacher Education Program entry:

- 2 EDUC 140 Foundations of Multicultural Education\*\*
- 3 EDUC 195 Teacher Education Seminar I\*\*
- 2 EDUC 200 Human Development and Education\*\*
- 3 EDUC 280 General Methods and Assessment\*\*

#### REQUIRED After Teacher Education Program entry, before Student Teaching:

- 3 EDUC 376 Inclusion of Exceptional Students
- 3 EDUC 383 Science Methods Middle/Sec School
- 2 EDUC 392 Teacher Ed Seminar II: Classroom Mgmt.

#### REQUIRED After Teacher Education Program entry, during Student Teaching:

- 12 EDUC 486 Student Teaching
- 3 EDUC 493 Teacher Education Seminar III

#### Required Supporting Course for Teacher Education:

- 2 ENGL 335 Teaching Reading in Content Area

#### Required Field Experience Hours:

- 0-1 EDUC 175 Field Experience I (20†)
- 0-1 EDUC 275 Field Experience II (30†)
- 0-1 EDUC 375 Field Experience III (40†)

† Required Field Experience hours

\*\* Required before entering Teacher Education Program

**Minimum Graduation Requirements:** 120 hours, 30 of which are upper division (300-400 level) hours, 2.5 cumulative grade point average (GPA), 2.75 GPA in Major courses, and C- or above in all General Education Requirements for Teachers, all Professional Education courses, all Required Supporting courses, and all courses applied toward endorsements.  
**Note:** Requirements for all endorsements are available in the School of Education.

### Major: 30-31 Hours

- 4 BIOL 125 Biology I (GER: BIOL SCI)
- 4 BIOL 126 Biology II
- 4 CHEM 103 General Chemistry I (GER: PHYS SCI)
- 4 CHEM 104 General Chemistry II
- 4 ESS 105 The Dynamic Earth
- 3 GEOG 340 Global Natural Resources
- 3-4 MATH 120 Intro to Statistics\*\* (GER: MATH) **OR**  
MATH 241 Statistics\*\* (GER: MATH)
- 4 PHYS 121 College Physics I **OR**  
PHYS 201 General Physics

### PLUS one of the following concentrations:

#### A. Biology Concentration (27-28 Hours)

- 4 BIOL 246 Anatomy & Physiology I
- 4 BIOL 247 Anatomy & Physiology II
- 4 BIOL 319 Genetics
- 3-4 ENVI 215 Environmental Science and Society **OR**  
BIOL 215 Environmental Science and Society
- 4 MATH 131 Algebra & Trigonometry **OR**  
MATH 147 Calculus I
- 4 BIOL 352 Advanced Botany **OR**  
BIOL 367 Animal Behavior **OR**  
BIOL 368 Vertebrate Natural History **OR**  
BIOL 370 Ecology
- 4 ESS 150 Planetary Astronomy **OR**  
ESS 151 Stellar & Galactic Astronomy **OR**  
PHYS 122 College Physics II **OR**  
PHYS 202 General Physics II

#### B. Chemistry Concentration (29.5-30.5 Hours)

- 5 CHEM 311 Organic Chemistry I
- 5 CHEM 312 Organic Chemistry II
- 4 CHEM 335 Biochemistry
- 0.5 CHEM 495 Seminar in Chemistry
- 4 MATH 147 Calculus I
- 3-4 CHEM 301 Quantitative Analysis **OR**  
CHEM 320 Inorganic Chemistry **OR**  
CHEM 482 Physical Chemistry Survey
- 4 ESS 150 Planetary Astronomy **OR**  
ESS 151 Stellar & Galactic Astronomy
- 4 PHYS 122 College Physics II **OR**  
PHYS 201 General Physics II

See more requirements on next page...

**C: Earth & Space Concentration (33 Hours)**

- 3 ESS 109 Earth's Oceans and Atmosphere
- 4 ESS 150 Planetary Astronomy
- 4 ESS 151 Stellar & Galactic Astronomy
- 3 ESS 200 Earth's Natural History
- 4 ESS 366 Geologic Structures and Tectonics
- 4 ESS 385 Chemistry of Earth Processes
- 3 GEOG 222 Earth's Landscapes/Natural Hazards
- 4 MATH 131 Algebra & Trigonometry **OR**  
MATH 147 Calculus I
- 4 PHYS 122 College Physics II **OR**  
PHYS 202 General Physics II

**Recommended Supporting Courses for Earth & Space:**

- 4 MATH 147 Calculus I
- 4 MATH 148 Calculus II

**Recommended Supporting Courses for Teacher Ed:**

- 3 CDEV 365 Child, Family and Community Relations
- 3 EDUC 214 Early Adolescent Development
- 3 EDUC 333 Multicultural Classroom
- 3 SPED 321 Emotional/Behavioral Supports