

## SCIENCE EDUCATION

NAME	I.D.#	Expected Grad Date	B.S. Degree
------	-------	--------------------	----------------

**General Education Requirements (Regular)**

3	THEO 101 Christian Formation
3	BLIT 202 Christian Scriptures I
3	BLIT 303 Christian Scriptures II
3	THEO 404 Christian Faith
3	FINA 101 Intro to Fine Arts
3	HIST 200 Western Civilization
3	LIT 205 Studies in Literature
2-3	PHED 190 Wellness or PHED 126 Nutrition
1	PHED 191 Applied Fitness

**General Education Requirements for Teachers**

3	COMM 105 Fundamentals of Communication
3	ENGL 109 College Writing I **
3	ENGL 210 College Writing II
3	PSCI 223 American Government
0-8	Elementary Foreign Language I & II OR approved International Culture Courses

**REQUIRED Before Teacher Education Program entry:**

2	EDUC 140 Multicultural Found. of Ed.**
3	EDUC 195 Teacher Education Seminar I**
2	EDUC 200 Human Development & Ed. (10*)**
1	EDUC 225 Intro. to Classroom Management**
3	EDUC 280 Gen. Meth. & Assessment (10*)**

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

3	EDUC 374 Secondary Content Methods (45*)
3	EDUC 376 Teaching Diverse Population (25*)
1	EDUC 394 Teacher Education Seminar II

**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
---	---

**Recommended Supporting Course for Teacher Education:**

3	EDUC 214 Early Adolescent Development
---	---------------------------------------

**Minimum Requirements include:** 128 hours, 40 of which are upper division (300-400 level) hours, 2.50 cumulative grade point average (GPA), 2.75 GPA in Major courses, and C or above grades in all General Education Requirements for Teachers, all Professional Education courses, all Required Supporting courses, and all courses applied toward endorsements.

**Note:** Requirements for Middle School and all other endorsements are available in the School of Education.

**Major: 58-67 hours****Required Core Courses:**

4	BIOL 125 Biology I
4	BIOL 126 Biology II
4	BIOL 370 Ecology
4	CHEM 103 General Chemistry I
4	CHEM 104 General Chemistry II
4	GEOL 105 Physical/Historical Geology
4	GEOL 130 Astronomy
4	MATH 131 College Algebra/Trigonometry ** OR
	MATH 147 Calculus I **
4-5	PHYS 121 College Physics I OR
	PHYS 201 General Physics I
4-5	PHYS 122 College Physics II OR
	PHYS 202 General Physics II

**Plus one of the following concentrations:****A. Biology Concentration**

4	BIOL 319 Genetics
4	BIOL 352 Advanced Botany
4	BIOL 356 Microbiology
4	BIOL 360 Invertebrate Zoology
4	BIOL 368 Vertebrate Natural History/Anatomy
4	BIOL 455 Physiology
1	GEOL 108 Intro to Weather and Climate

**B. Chemistry Concentration**

4	CHEM 301 Quantitative Analysis
5	CHEM 311 Organic Chemistry I
5	CHEM 312 Organic Chemistry II
3-4	CHEM 320 Inorganic Chemistry OR
	CHEM 385 Environmental Geochemistry
1	CHEM 495 Seminar in Chemistry
1	GEOL 108 Intro to Weather and Climate

**C. Earth/Space Concentration**

3	GEOL 109 The Earth's Weather
2	GEOL 300 Paleontology
4	GEOL 302 Earth Materials
3	GEOL 346 Tools of Astronomy
3	GEOL 360 Geographic Information Systems
3-4	GEOL 362 Sedimentology/Stratigraphy OR
	GEOL 322 Geomorphology/Earth Hazards OR
	GEOL 366 Structural Geology/Field Methods

**Recommended Supporting Courses for Concentrations B and C:**

4	MATH 147 Calculus I
4	MATH 148 Calculus II

\* Required Field Experience hours

\*\* Required before entering Teacher Education Program