

SCIENCE EDUCATION

NAME	I.D.#	Expected Grad Date	B.S. Degree
General Education Requirements		Major: 60-65 hours	
<u>3</u>	THEO 101 Christian Formation	<u>4</u>	Required Core Courses:
<u>3</u>	BLIT 202 Christian Scriptures I	<u>4</u>	BIOL 125 Biology I
<u>3</u>	BLIT 303 Christian Scriptures II	<u>4</u>	BIOL 126 Biology II
<u>3</u>	THEO 404 Christian Faith	<u>4</u>	BIOL 370 Ecology
<u>3</u>	FINA 101 Intro to Fine Arts	<u>4</u>	CHEM 103 General Chemistry I
<u>3</u>	HIST 200 Western Civilization	<u>4</u>	CHEM 104 General Chemistry II
<u>3</u>	LIT 205 Studies in Literature	<u>4</u>	ESS 105 The Dynamic Earth
<u>2-3</u>	PHED 190 Wellness or PHED 126 Nutrition	<u>4</u>	ESS 130 Astronomy
<u>1</u>	PHED 191 Applied Fitness	<u>4</u>	MATH 131 College Algebra/Trigonometry ** OR
		<u>4</u>	MATH 147 Calculus I **
		<u>4</u>	PHYS 121 College Physics I OR
		<u>4</u>	PHYS 201 General Physics I
		<u>4</u>	PHYS 122 College Physics II OR
		<u>4</u>	PHYS 202 General Physics II
General Education Requirements (for Teachers)		Plus one of the following concentrations:	
<u>3</u>	COMM 105 Fundamentals of Communication	A. Biology Concentration	
<u>3</u>	ENGL 109 College Writing I **	<u>4</u>	BIOL 319 Genetics
<u>3</u>	ENGL 210 College Writing II	<u>4</u>	BIOL 352 Advanced Botany
<u>3</u>	PSCI 223 American Government	<u>4</u>	BIOL 356 Microbiology
<u>0-8</u>	Elementary Foreign Language I & II OR approved International Culture Courses	<u>4</u>	BIOL 360 Invertebrate Zoology
		<u>4</u>	BIOL 368 Vertebrate Natural History/Anatomy
		<u>4</u>	BIOL 455 Physiology
		<u>1</u>	ESS 108 Intro to Weather and Climate
REQUIRED Before Teacher Education Program entry:		B. Chemistry Concentration	
<u>2</u>	EDUC 140 Multicultural Found. of Ed.**	<u>4</u>	CHEM 301 Quantitative Analysis
<u>3</u>	EDUC 195 Teacher Education Seminar I**	<u>5</u>	CHEM 311 Organic Chemistry I
<u>2</u>	EDUC 200 Human Development & Ed. (10**) **	<u>5</u>	CHEM 312 Organic Chemistry II
<u>1</u>	EDUC 225 Intro. to Classroom Management**	<u>3-4</u>	CHEM 320 Inorganic Chemistry OR
<u>3</u>	EDUC 280 Gen. Meth. & Assessment (10**) **		CHEM 385 Environmental Geochemistry
		<u>1</u>	CHEM 495 Seminar in Chemistry
		<u>1</u>	ESS 108 Intro to Weather and Climate
REQUIRED After Teacher Education Program entry, before Student Teaching:		C. Earth/Space Concentration	
<u>3</u>	EDUC 374 Secondary Content Methods (45*)	<u>3</u>	ESS 109 The Earth's Weather
<u>3</u>	EDUC 376 Teaching Diverse Population (25*)	<u>3</u>	ESS 200 Earth's Natural History
<u>1</u>	EDUC 394 Teacher Education Seminar II	<u>4</u>	ESS 302 Mineral Science
		<u>3</u>	ESS 346 Tools of Astronomy
		<u>3</u>	ESS 360 Geographic Information Systems
		<u>3-4</u>	ESS 222 Earth's Landscapes/Natural Hazards OR
			ESS 366 Geologic Structures and Tectonics
REQUIRED After Teacher Education Program entry, during Student Teaching:		Recommended Supporting Courses for Concentrations B and C:	
<u>12</u>	EDUC 486 Student Teaching	<u>4</u>	MATH 147 Calculus I
<u>3</u>	EDUC 493 Teacher Education Seminar III	<u>4</u>	MATH 148 Calculus II
Required Supporting Course for Teacher Education:			
<u>2</u>	ENGL 335 Teaching Reading in Content Area		
Recommended Supporting Course for Teacher Education:			
<u>3</u>	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.

* Required Field Experience hours

** Required before entering Teacher Education Program