

SCIENCE EDUCATION

NAME	I.D.#	Expected Grad Date	B.S. Degree
General Education Requirements			
<u>3</u>	THEO 101 Christian Formation		
<u>3</u>	BLIT 202 Christian Scriptures I		
<u>3</u>	BLIT 303 Christian Scriptures II		
<u>3</u>	THEO 404 Christian Faith		
<u>3</u>	FINA 101 Intro to Fine Arts		
<u>3</u>	HIST 200 Western Civilization		
<u>3</u>	LIT 205 Studies in Literature		
<u>2-3</u>	PHED 190 Wellness or PHED 126 Nutrition		
<u>1</u>	PHED 191 Applied Fitness		
<u>3</u>	COMM 105 Fundamentals of Communication		
<u>3</u>	ENGL 109 College Writing I **		
<u>3</u>	ENGL 210 College Writing II		
<u>3</u>	PSCI 223 American Government		
<u>0-8</u>	Elementary Foreign Language I & II OR approved International Culture Courses		
Major: 58-67 hours			
Required Core Courses:			
<u>4</u>	BIOL 125 Biology I		
<u>4</u>	BIOL 126 Biology II		
<u>4</u>	BIOL 370 Ecology		
<u>4</u>	CHEM 103 General Chemistry I		
<u>4</u>	CHEM 104 General Chemistry II		
<u>4</u>	GEOL 105 Physical/Historical Geology		
<u>4</u>	GEOL 130 Astronomy		
<u>4</u>	MATH 131 College Algebra/Trigonometry ** OR MATH 147 Calculus I **		
<u>4-5</u>	PHYS 121 College Physics I OR PHYS 201 General Physics I		
<u>4-5</u>	PHYS 122 College Physics II OR PHYS 202 General Physics II		
Plus one of the following concentrations:			
A. Biology Concentration			
<u>4</u>	BIOL 319 Genetics		
<u>4</u>	BIOL 352 Advanced Botany		
<u>4</u>	BIOL 356 Microbiology		
<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>	GEOL 108 Intro to Weather and Climate		
B. Chemistry Concentration			
<u>4</u>	CHEM 301 Quantitative Analysis		
<u>5</u>	CHEM 311 Organic Chemistry I		
<u>5</u>	CHEM 312 Organic Chemistry II		
<u>3-4</u>	CHEM 320 Inorganic Chemistry OR CHEM 385 Environmental Geochemistry		
<u>1</u>	CHEM 495 Seminar in Chemistry		
<u>1</u>	GEOL 108 Intro to Weather and Climate		
C. Earth/Space Concentration			
<u>3</u>	GEOL 109 The Earth's Weather		
<u>2</u>	GEOL 300 Paleontology		
<u>4</u>	GEOL 302 Earth Materials		
<u>3</u>	GEOL 346 Tools of Astronomy		
<u>3</u>	GEOL 360 Geographic Information Systems		
<u>3-4</u>	GEOL 362 Sedimentology/Stratigraphy OR GEOL 322 Geomorphology/Earth Hazards OR GEOL 366 Structural Geology/Field Methods		
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		
<p>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.</p> <p>Note: Requirements for Middle School and all other endorsements are available in the School of Education.</p>			
Recommended Supporting Courses for Concentrations B and C:			
<u>4</u>	MATH 147 Calculus I		
	* Required Field Experience hours		<u>4</u>
	** Required before entering Teacher Education Program		
	MATH 148 Calculus II		