

GEOLOGY

NAME	I.D.#	Expected Grad Date	B.S. Degree
General Education Requirements		Major: 40 hours	
<u>3</u>	THEO 101 Christian Formation	<u>4</u>	ESS 105 The Dynamic Earth
<u>3</u>	BLIT 202 Christian Scriptures I	<u>3</u>	ESS 200 Earth's Natural History
<u>3</u>	BLIT 303 Christian Scriptures II	<u>3</u>	ESS 222 Earth's Landscapes/Natural Hazards
<u>3</u>	THEO 404 Christian Faith	<u>4</u>	ESS 302 Mineral Science
<u>3</u>	ENGL 109 College Writing I	<u>3</u>	ESS 332 Water Resource Issues
<u>3</u>	ENGL 207 College Writing II (CSE)	<u>3</u>	ESS 340 Global Natural Resources
<u>3</u>	COMM 105 Fundamentals of Communication	<u>4</u>	ESS 357 The Rock Cycle & Ore Deposits
<u>3</u>	FINA 101 Intro to Fine Arts	<u>3</u>	ESS 360 GIS/GPS
<u>3</u>	HIST 200 Western Civilization	<u>4</u>	ESS 366 Geologic Structures & Tectonics
<u>3</u>	LIT 205 Studies in Literature	<u>4</u>	ESS 385 Chemistry of Earth Processes
<u>3</u>	Select from: ECON 110, PSCI 101, PSCI 223, PSYC 101, SOCY 120	<u>.5</u>	ESS 390 Seminar in Earth & Space Science (4x – taken every Spring in the ESS program)
<u>0-8</u>	Elementary I, II Foreign Language or approved International Culture courses	<u>3</u>	ESS 394 Physics of the Earth
<u>2-3</u>	PHED 190 Wellness or PHED 126 Nutrition	Required Supporting Courses:	
<u>1</u>	PHED 191 Applied Fitness	<u>4</u>	BIOL 125 Biology I
		<u>4</u>	CHEM 103 General Chemistry I
		<u>4</u>	CHEM 104 General Chemistry II
		<u>3</u>	CSIS 331 Computing Fnds. for Scientists
		<u>4</u>	MATH 147 Calculus I
		<u>4</u>	MATH 148 Calculus II
		<u>4</u>	MATH 241 Statistics
		<u>4</u>	PHYS 201 General Physics I
		<u>4</u>	PHYS 202 General Physics II
		Plus 9 hours focused on student's career interest, approved by department chair. Examples of possible interdisciplinary emphases might involve courses related to: Archeology, Art, Astronomy, Biology, Chemistry, Computer Science, Engineering, Environmental Science, Geography, Mathematics, Meteorology, Oceanography, Physics, Religion, Technical Missions, or other fields.	
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