

ENGINEERING (ENVIRONMENTAL)

NAME	I.D.#	Expected Grad Date	B.S.E. Degree
General Education Requirements		A. Environmental Concentration	
<u>3</u>	THEO 101 Christian Formation	<u>3</u>	ENGR 107 Computational Engineering
<u>3</u>	BLIT 202 Christian Scriptures I	<u>3</u>	ENGR 210 Thermo-Fluids Engineering
<u>3</u>	BLIT 303 Christian Scriptures II	<u>3</u>	ENGR 211 Statics & Mechanics
<u>3</u>	THEO 404 Christian Faith	<u>3</u>	ENGR 215 Dynamics
<u>3</u>	ENGL 109 College Writing I	<u>3</u>	ENGR 220 Electrical Circuits & Systems
<u>3</u>	COMM 105 Fundamentals of Communication	<u>3</u>	ENGR 235 Introduction to Environmental Engineering
<u>3</u>	FINA 101 Intro to Fine Arts	<u>3</u>	ENGR 335 Engineering Sustainability
<u>3</u>	HIST 200 Western Civilization	<u>3</u>	ENGR 336 Air Pollution Control
<u>3</u>	LIT 205 Studies in Literature	<u>3</u>	ENGR 356 Collection/Pumping of Water/ Wastewater
<u>3</u>	Select from: ECON 110, PSCI 101, PSCI 223, PSYC 101, SOCY 120	<u>3</u>	ENGR 435 Solid & Hazardous Waste
<u>0-8</u>	Elementary I, II Foreign Language or approved International Culture courses	<u>3</u>	ENGR 451 Storm Water Hydraulics/Hydrology
<u>3-4</u>	BIOL 201 General Biological Science OR approved biological Science lab course	<u>4</u>	GEOL 105 Physical & Historical Geology
<u>2-3</u>	PHED 190 Wellness or PHED 126 Nutrition	<u>3</u>	GEOL 332 Water Resource Issues
<u>1</u>	PHED 191 Applied Fitness	<u>3</u>	GEOL 340 Global Natural Resources
		<u>3</u>	GEOL 360 GIS and GPS

Required Supporting Courses:

<u>4</u>	CHEM 103 General Chemistry I
<u>4</u>	CHEM 104 General Chemistry II
<u>4</u>	MATH 147 Calculus I
<u>4</u>	MATH 148 Calculus II
<u>3-4</u>	MATH 241 Statistics or MATH 351 Linear Algebra
<u>4</u>	MATH 261 Calculus III
<u>3</u>	MATH 357 Differential Equations
<u>5</u>	PHYS 201 General Physics I
<u>5</u>	PHYS 202 General Physics II

Major: 62 hours

<u>3</u>	ENGR 101 Engineering Design I
<u>3</u>	ENGR 102 Engineering Design II
<u>2</u>	ENGR 401 Senior Project Design I
<u>2</u>	ENGR 402 Senior Project Design II
<u>3</u>	ENGR 403 Engineering Economics
<u>3</u>	ENGR 404 Technical Communications

PLUS completion of the following concentration: