



University of Indianapolis at Galen University, Belize
Curriculum Guide for Environmental Science Majors (ENSC)
Bachelor of Science

Subject to change

GENERAL EDUCATION LEARNING GOALS

Critical Thinking - English
Arts Appreciation - English
Critical Thinking - Communication
Critical Thinking - Philosophy
Historical Consciousness
Scientific Method
Fine Arts Appreciation - Lecture
Fine Arts Appreciation - Applied
Advanced Composition: Expository Writing
Numerical Literary - Mathematics
Social Inquiry
Judaic-Christian Tradition
Computer Competency

MAJOR REQUIREMENTS

ESCI-110: First Year Seminar (1)
ESCI-150: Physical Geology (3)
ESCI-231: Intro to Geographic Information Systems (GIS) (2)
ESCI-199: Introduction to Sustainable Development (3)
Select any three (3) of the following:

Select one (1) of the following:

Applied Experience:

ESCI-365: Field Studies in Earth-Space Sciences (total ≥ 4)

Chemistry:

CHEM-150: General Chemistry I (4)

Mathematics:

MATH-190: Calculus and Analytic Geometry (4)

Select one (1) of the following:

Biology:

BIOL-155: Diversity of Life (4)

BIOL-165: Introduction to Cell Biology (4)

BIOL-265: Ecology (4)

Select one (1) of the following:

Physics:

PHYS-150: General Physics I (2)

PHYS-155: General Physics I Lab (2)

CSCI-155: Introduction to Programming Using C++ (4)

ELECTIVES REQUIREMENTS

The Bachelor Degree requires a minimum of 124 credit hours. Electives are required to fulfill the program credit hours requirements.

NOTE: A grade of C (2.0 on a 4.0 scale) or higher is required in all courses applying toward the ENSC major.

Updated 9/1/09

Course Selection

ENGL-101: English Composition (3)
ENGL-102: Western World Lit. & Comp.(3)
COMM-200: Business & Professional Comm.(3)
PHIL-201: Ethics (3)
HIST-202: World History since 1700 (3)
Met by Major
See catalog for selection, p. 74
See catalog for selection, p. 74
ENGL-220
See Major
See catalog for selection, p. 76
REL-100
Met by Major

46 hours (minimum)

ANTH-150: Introduction to Maya Pre-history (3)
ECON-261 or ECON-262: Economics: Micro or Macro (3)
ECON-305: Environmental Economics (3)
ESCI-375: Applications in Sustainable Development (3)
SCI-215: Society and Environment (3)

ESCI-301: Meteorology Weather and Climate (3)
ESCI-310: Oceanography (3)
ESCI-410: Hydrogeology (3)
ESCI-430: Topics in Earth-Space Sciences (total ≥ 3)

MATH-220: Elementary Statistics (4)
MATH-245: Statistics for the Sciences (4)

BIOL-215: Plants and Society: Intro to Botany (3)
BIOL-245: Ornithology (4)
ESCI-350: Ecology of a Tropical Forest (3)