



## BACHELOR OF SCIENCE Environmental Science

Environmental Science covers a broad scale of environmental concerns. It seeks to study the interactions between the environment and human society using the tools of science in an interdisciplinary way.

Its primary objective is to use the various sciences in the study of the environment; employing the scientific method as its principal framework, it applies whichever science is needed for the study of the environment.

Environmental science also recognizes the critical role of human society in the environment; hence, it lays the groundwork for the effective management of the environment.

## The Program in Environmental Science builds competencies for these jobs:

- Tourism Officers
- Environmental Officers
- Project Developmental Officers
- Pollution Officers
- Environmental Safety Officers
- Resource Managers
- Science Research Specialists
- University Professor

### CORE COURSES

- General Zoology
- General Botany
- Geology
- General Ecology
- Meteorology
- Environmental Economics
- Systematics
- GIS Fundamentals
- Population, Resources and Environment
- Inorganic Chemistry
- Organic Chemistry
- BioCalculus
- Analytical Chemistry
- BioStatistics
- BioChemistry
- Applied Math I & II
- BioPhysics I & II

### SPECIALIZATION COURSES

- Environmental Monitoring
- Systems Analysis and Modeling
- BioGeography
- Environmental Microbiology
- Environmental Impact Assessment System
- EcoToxicology
- Natural Resources Management
- Conservation Biology
- Contemporary Environmental Issues
- Environmental Policy

### RESEARCH AND PRACTICUM COURSES

- Practicum
- Thesis

