Degree planner — BSc in Environmental Sciences

If no point value is listed, papers are worth 15 points.

List A
Choose 45 points from the following:
- APHY111 Physics in Context
- BIOEB101 Concepts of Biology
- BIOEB102 Introduction to Ecology and Biodiversity
- BIOOM101 Introduction to Molecular and Cellular Biology
- CHEM100 Chemistry in Context
- EARTH101 Introduction to Earth System Sciences
- EARTH102 Discovering Planet Earth
- ENGEN111 Electricity and Electronics
- ENGEN112 Materials Science and Engineering
- ENGEN120 Foundations of Engineering
- ENVESC101 Environmental Science
- PHIL102 Introduction to Logic

List B
Choose 30 points from the following:
- MATHS160 Preparatory Mathematics
- MATHS165 General Mathematics
- MATHS135 Discrete Structures
- MATHS101 Introduction to Calculus Or ENGEN184 Calculus for Engineers
- MATHS102 Introduction to Algebra Or ENGEN183 Linear Algebra and Statistics for Engineers
- COMPS101 Introduction to Computer Science Or ENGEN103 Engineering Computing
- STAT111 Statistics for Science Or STATS121 Introduction to Statistical Methods
- PHYS100 General Physics Or PHYS101 Physics for Engineers and Scientists
- OR ENGEN110 Engineering Mechanics
- MATHS201 200 Level Mathematics
- COMPS210 200 Level Computer Science
- STAT210 200 Level Statistics
- CHEM202 Physical Chemistry Or CHEM204 Analytical Chemistry
- EARTH251 Spatial Analysis in Geosciences Or ENVPL202 Cartography and Spatial Analysis
- ENGEN201 Engineering Mathematics 2

List C
Choose 15 points from the following:
- SCIENCE301 Capstone Project
- SCIENCE303 Undergraduate Research Project
- SCIENCE313 Undergraduate Research Project
- SCIENCE314 Science Entrepreneurship

300 Level Environmental Sciences Papers
Choose 30 points from the list below. Papers must encompass at least two different subject areas.
- BIOEB303 Forest Ecology and Restoration
- BIOEB304 Freshwater Ecology
- BIOEB305 Marine Ecology
- CHEM104 Advanced Analytical Chemistry
- EARTH210 Engineering Geology
- EARTH221 Pedology and Land Evolution
- EARTH222 Soil and Water Management
- EARTH331 Water Resources and Hazards
- EARTH341 Coastal Oceanography
- EARTH342 Coastal Geomorphology and Management
- ENVESC202 Applied Environmental Geochemistry