



FOCUS YOUR BIOLOGICAL SCIENCES DEGREE ON ...

The Environment

MODULES

YEAR 1

ENVIRONMENTAL BIOLOGY (CORE)

STUDY NATURAL AND MANAGED ENVIRONMENTS AND PRESSURES ON THEM FROM HUMAN ACTIVITIES. LOOK AT THE EVOLVING CLIMATE AND FUTURE CHALLENGES

BIOLOGICAL OCEANOGRAPHY (CORE)

STUDY MAJOR MARINE HABITATS, BIODIVERSITY AND OCEAN PRODUCTIVITY. UNDERSTAND ANTHROPOGENIC INFLUENCES ON THE MARINE ENVIRONMENT

YEAR 2

ECOLOGY & ENVIRONMENT (CORE)

APPRECIATE HOW ECOLOGICAL PRINCIPLES AND PROCESSES AID UNDERSTANDING OF THE NATURAL WORLD. STUDY BIODIVERSITY AND ECOLOGY

ECOLOGY & ITS APPLICATIONS (OPTIONAL)

EXAMINE ECOSYSTEMS AND SUSTAINABLE USE OF MARINE RESERVES. HOW ARE INVASIVE SPECIES CONSERVED AND MANAGED?

YEAR 3

ENVIRONMENTAL SCIENCE & MANAGEMENT (OPTIONAL)

UNDERSTAND FOOD SECURITY, LAND DEGRADATION AND CLIMATE CHANGE. STUDY INSECTS AND PESTS AND MOLECULAR TECHNIQUES IN CONSERVATION

EXTREME ENVIRONMENT BIOLOGY (OPTIONAL)

STUDY ADAPTATION TO EXTREME ENVIRONMENTS INCLUDING TEMPERATURE AND DROUGHT. HOW DO EXTREME ENVIRONMENTS DRIVE EVOLUTION?



RESEARCH

ONE OF THE SCHOOL'S FOUR RESEARCH THEMES IS ENVIRONMENTAL BIOSCIENCE. IT INCLUDES STUDY OF THE CURRENT WORLD-WIDE PROBLEM OF MARINE MICROPLASTICS

ENVIRONMENTAL BIOLOGY FIELD TRIP

ECOLOGICAL SAMPLING TECHNIQUES IN DIFFERENT HABITATS



ENVIRONMENT THEMED THIRD YEAR PROJECT

EXAMPLE PROJECTS:

LOST AT SEA; WHERE DO MICROPLASTICS GO?
CLIMATE CHANGE - CAN MICROBES SAVE THE WORLD?
POLLUTANT DEGRADATION IN FRESHWATER ECOSYSTEMS
CAN WE FEED THE WORLD WITHOUT ARTIFICIAL FERTILISERS?
THE HONEY BEE DECLINE: THE TRUTH AND HOW WE SHOULD REACT



MBIO GOING FOR AN INTEGRATED MASTERS? CHOOSE AN ENVIRONMENTAL TOPIC FOR YOUR EXTENDED RESEARCH PROJECT

GRADUATE WITH A BIOLOGY DEGREE WITH THE ENVIRONMENT AT ITS HEART