



UNIVERSITY COLLEGE SABAH FOUNDATION

FACULTY OF NATURAL SCIENCE AND SUSTAINABILITY

DEGREE

- **BACHELOR OF SCIENCE(Hons)(SUSTAINABLE RESOURCE MANAGEMENT AND CONSERVATION)**

(N/422/6/0012)(PA5499)(11/20)



BACHELOR OF

SCIENCE(Hons)(SUSTAINABLE RESOURCE MANAGEMENT AND CONSERVATION)

- Duration • **3** Years
- Mode of Study • **Full Time**
- Intakes • **April & September**

ENTRY REQUIREMENTS

•STPM •A-LEVEL	Pass with a minimum Grade C (GP 2.00) in any 2 Subjects
•UEC	Pass with a minimum Grade B in any 5 Subjects
•MATRICULATION •FOUNDATION	Pass with a minimum CGPA of 2.00
•DIPLOMA (MQF LEVEL 4)	Pass with a minimum CGPA of 2.00
•DKM •DLKM •DVM	Pass with a minimum CGPA of 2.50

*OR any other equivalent qualifications recognized by the Malaysian Government And Approved by UCSF Senate

CAREER PROSPECTS

- Environmental Researcher
- Consultant for Environmental Management
- Environmental Campaign & Event Manager
- Ecotourism Related Management / Entrepreneur
- Scientist
- Natural Resource Manager
- Lecturer / Tutor

HIGHLIGHTED COURSES

- Diversity of Life
- Natural Resource Management
- Principles of Conservation Biology
- Forest Ecology
- Ecology of Health and Disease
- Introduction to Research & Interdisciplinary Field Course
- Molecular Ecology & Conservation Genetics
- Wildlife Ecology & Management
- Environmental Law & Policy
- Community-based Natural Resource Management
- Introduction to Environmental Assessment
- Sustainable Energy
- Flora of Malaysia
- Fauna of Malaysia
- GIS, Remote Sensing and Spatial Analysis

OVERVIEW

Resource depletion and loss of biodiversity are the burning issues faced by the world community today.

Sustainable resource management and ecological conservation are very much in line with a greener and more sustainable world, contributing to economic development, eradication of poverty and social cohesion of local and global communities. Today the problems are becoming even more complex as to solve them, the students need to be equipped with a broader field of knowledge, be holistic and hands-on.

The Bachelor of Science (Hons) in Sustainable Resource Management and Conservation programme is designed to enrich students experiential learning to be innovators of sustainable procedures and practices.

In line with the 21st century needs our approach is multi-disciplinary and integrated in nature. Theories and methodologies are put to practice in real problem-based fieldworks in real world-class laboratories. Graduates have a holistic approach to look at and solve problems.

Among the subject matters are biodiversity, ecology, genetics, biogeography, oceanography, experimental design and scientific methods, GIS, remote sensing, wildlife in ecosystem and an added exposure to industrial training in their final year.

It is similar to the FiS programme, but it has a more immersive learning experience that is designed to make the journey of discovery, especially in our Living Laboratories, meaningful and enjoyable. The knowledge and skills derived will be enhanced with a strong sense of ethical responsibility.

This degree programme is also very much hands-on; team building and collaborative work are strong feature. As such effective communication is also emphasized. Being a model green university the green concepts and philosophy are well integrated in the syllabus. We expect our graduates to manifest a lifelong, life-wide and life-deep culture who will add value to a wide spectrum of industry.