

Module code

**SPB-3303**

Type of module

**Undergraduate: Biological Sciences – Major Option**

# Conservation and Management of Living Resources



Modular credits

**4**

Total student  
engagement

**56** hours

Prerequisite

SPB-1201 Diversity of Life OR SPB-1202 Organisms and Environment OR SPB-1203 Skills in Biological Sciences

Anti-requisite

**None**

## Aims

To provide students with a basic understanding of Conservation Science and management tools for living resources. To introduce the foundations of conservation, its different aspects and applications. To discuss global environmental problems and to explore tools and strategies to address these issues.

## Module learning outcomes (MLO)

*On successful completion of this module, a student will be expected to be able to:*

### MLO 1

Analyse major conservation issues in tropical and non-tropical regions.

### MLO 2

Evaluate management strategies to improve impacted habitats.

### MLO 3

Develop and apply appropriate conservation and management strategies through data analysis and case study.

### MLO 4

Apply standard methods and protocols to conduct research and understand key environmental crises such as climate change and biodiversity loss.

## Module contents

Conservation Science

Knowledge of Brunei's major ecosystems

Vulnerability of species and ecosystems

Different management strategies

Cascade effect of ecosystem disturbance

Invasive species

## Assessment

**60%**

Examination

**40%**

Coursework

Examination  
**60%**

**15%**

**15%**

**10%**

**Examination — 60%**

**Written practical reports — 15%**

**Class tests — 15%**

**Written assignment — 10%**

### Formative assessment

Weekly discussion  
and feedback

### Summative assessment

#### COMPONENT

#### WEIGHTING

Examination

**60%**

Coursework

**40%**

Individual

**40%**

Written practical reports

**15%**

Class tests

**15%**

Written assignment

**10%**

## Graduate attributes and skills

### Programme learning objectives (PLO) addressed

**1**

PLO 1 (Fundamental Theoretical Knowledge in Biology)

**2**

PLO 2 (Application of Scientific Methods and Data Analysis)

**3**

PLO 3 (Integrated Laboratory, Field and Technical Skills)

**4**

PLO 4 (Critical Thinking and Problem-Solving Skills)

**5**

PLO 5 (Sustainability and Responsible Practice)

### Sustainability concept addressed

**2**

SDG 2 Zero Hunger

**13**

SDG 13 Climate Action

**16**

SDG 16 Peace, Justice and Strong Institutions

### Digital skills/software used (not limited to)

Microsoft Office software (e.g. Word)

Application software (e.g. Web browsers, statistical program, cloud-based storage, file sharing platform, ChatGPT)

eLearning platforms (e.g. CANVAS, Zoom)

Micro-credentialling option

**No**

Stackable towards GenBESTARI Undergraduate Degree Programme or other relevant Lifelong Learning Programmes

**No**

### Document details

Office **ODVCE**

Document date **29 June 2026**

Status **New**