

Module code

SPB-3418

Type of module

Undergraduate: Biological Sciences – Elective

Vegetation of Southeast Asia



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 the paleo and present vegetation structures of the Southeast Asia region, while exploring vegetation formations, their representative species, and their evolutionary adaptations.

Module learning outcomes (MLO)

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

MLO 1

Analyse the major vegetation formations in Southeast Asia (SEA).

MLO 2

Analyse the differences in species traits, climatic and soil properties among vegetation formations.

MLO 3

Analyse the species traits from an evolutionary perspective among the vegetation formations.

MLO 4

Discuss the vegetation biogeography of SEA.

MLO 5

Conduct a comparative analysis of vegetation within the SEA archipelago and evaluate its evolutionary history.

Module contents

Botany

Plant ecophysiology

Paleobotany and paleo-vegetation

Southeast Asia tectonic movement and biogeography

Assessment

60%

Examination

40%

Coursework

Examination
60%

15%

15%

10%

■ Examination — 60% ■ Written practical reports — 15% ■ Class tests — 15% ■ Written assignment — 10%

Formative assessment	Summative assessment	
Weekly discussion and feedback	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

13	SDG 13 Climate Action
15	SDG 15 Life on Land
17	SDG 17 Partnerships for the Goals

Digital skills/software used (not limited to)

- Microsoft Office software (e.g. Word, Excel, PowerPoint)
- Application software (e.g. Web browsers, GBIF, IUCN, POWO, R statistical program, cloud-based storage and file sharing platform, ChatGPT)
- eLearning platforms (e.g. CANVAS, MS Teams, 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**