

**BACHELOR OF SCIENCE – MAJOR IN BIOLOGY**  
**Environmental and Life Sciences Programme**  
**(for August 2019 onwards)**

Level	Type	Code	Modules	Modular Credit (MC)
1000	Core	SB-1201	Diversity of Life	4
	Core	SB-1202	Organisms and Environment	4
	Core	SB-1203	Skills in Biological Sciences	4
2000	Core	SB-2201	Plant Form and Function	4
	Core	SB-2203	Animal Form and Function	4
	Core	SB-2210	Cells, Biomolecules and Microbiology	4
	Core	SB-2211	Genetics	4
	Option	SB-2306	Principles of Animal Physiology	4
	Option	SB-2307	Principles of Plant Physiology	4
	Option	SB-2323	Tropical tree ecology and conservation	4
	Option	SB-2332	Marine Ecosystems	4
	Option	SB-2343	Introduction to Biochemistry	4
4000	Core	SB-4201	Population Genetics, Systematics and Evolution	4
	Core	SB-4290	Research Project	8
	Option	SB-4301	Conservation and Management of Living Resources	4
	Option	SB-4302	Tropical Forest Ecology	4
	Option	SB-4305	Entomology	4
	Option	SB-4309	Molecular Genetics	4
	Option	SB-4310	Seed Plant Taxonomy and Diversity	4
	Option	SB-4311	Animal Behaviour	4
	Option	SB-4312	Developmental Biology	4
	Option	SB-4313	Aquatic Biology	4
	Option	SB-4314	Biotechnology	4
	Option	SB-4316	Economic Botany	4
	Option	SB-4317	Climate Change Biology	4
	Option	SB-4319	Tropical Parasitology	4
	Option	SB-4321	Mycology	4
	Option	SB-4322	Principles of Soil Science	4
	Option	SB-4324	Herpetology	4
	Option	SB-4330	Marine Pollution and Ecotoxicology	4
	Option	SB-4332	Principles of Oceanography	4
	Option	SB-4333	Ichthyology	4
	Option	SB-4340	Nutritional Biochemistry	4
	Option	SB-4341	Advanced Biochemistry	4
	Option	SB-4342	Advanced Genetic Analysis	4
	Option	SB-4343	Bioinspiration	4

**Requirements:**

Major (Core & Option): 72 MC

Major Core: 40 MC

Major Option: 32 MC

Level 4000: 24 MC

**Breadth Modules:**

For non-biology major students:

<b>Level</b>	<b>Type</b>	<b>Code</b>	<b>Modules</b>	<b>Modular Credit (MC)</b>
2000	Breadth	SB-2401	Plants and People	4
	Breadth	SB-2402	Discovering Science	4
	Breadth	SB-2404	Current Trends in Life Sciences	4
	Breadth	SB-2405	Human Life and Environment	4