

SCOPE AND SEQUENCE STATEMENT: YEAR 11 BIOLOGY 2025

| <u>TERM 1</u> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | |
|-------------------|--|---|---|--|---|---|---|------------------------------------|--|----|----|--|--|
| OVERALL TOPIC | Module 1: Cells as the Basis of Life | | | | | | | | Module 2: Organisation of Living Things | | | | |
| OVERVIEW | Students investigate reproduction and inheritance patterns in plants and animals. They investigate the role of DNA in polypeptide synthesis and the uses of technologies in the study of inheritance patterns. | | | | | | | | Students examine the structure and function of transport systems in living things and compare their nutrient and gas requirements. | | | | |
| OUTCOMES | BIO11/12-1, BIO11/12-2, BIO11/12-4, BIO11/12-5, BIO 11/12-7, BIO11-8 | | | | | | | | BIO11/12-1, BIO11/12-2, BIO11/12-3, BIO11/12-4, BIO11/12-6, BIO11/12-7, BIO11-9 | | | | |
| ASSESSMENT | AT1 Data Processing and Handling – 30% (week 9) | | | | | | | | | | | | |
| 11 WEEKS 44 HOURS | | | | | | | | | | | | | |
| <u>TERM 2</u> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | |
| OVERALL TOPIC | Module 2: Organisation of Living Things | | | Module 4: Ecosystem Dynamics | | | | | | | | | |
| OVERVIEW | (Cont.) | | | Students investigate past and present ecosystems to determine how the human impact on biodiversity can be minimised. | | | | | | | | | |
| OUTCOMES | (Cont.) | | | BIO11/12-1, BIO11/12-2, BIO11/12-3, BIO11/12-4, BIO11/12-5, BIO11/12-6, BIO11/12-7, BIO11-11 | | | | | | | | | |
| ASSESSMENT | AT2 Depth Study – 30% (week 9) | | | | | | | | | | | | |
| 9 WEEKS 36 HOURS | | | | | | | | | | | | | |
| <u>TERM 3</u> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | |
| OVERALL TOPIC | Module 4: Ecosystem Dynamics | | Module 3: Biological Diversity | | | | | | | | | | |
| OVERVIEW | (Cont.) | | Students explore biological diversity in terms of the Theory of Natural Selection by examining the changes in and diversification of life since it first appeared on the Earth. | | | | | EXAMS AT3 Yearly Exam – 40% | | | | | |
| OUTCOMES | (Cont.) | | BIO11/12-1, BIO11/12-2, BIO11/12-3, BIO11/12-4, BIO11/12-5, BIO11/12-6, BIO11/12-7, BIO11-10 | | | | | | | | | | |
| ASSESSMENT | | | | | | | | | | | | | |
| 10 WEEKS 40 HOURS | | | | | | | | | | | | | |
| <u>TERM 4</u> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | |
| OVERALL TOPIC | Assessment for Learning | | YEAR 12 COURSE | | | | | | | | | | |
| OVERVIEW | | | | | | | | | | | | | |
| OUTCOMES | | | | | | | | | | | | | |
| ASSESSMENT | | | | | | | | | | | | | |
| | 2 WEEKS 8 HOURS | | | | | | | | | | | | |

TOTAL COURSE HOURS: 128 hours