



Term	Week	YEAR 12 HSC Biology – 2025 SCOPE & SEQUENCE
4	1	Module 5: Heredity (40 hours)
	2	Outcomes: BIO12-4, BIO12-5, BIO12-6, BIO12-12
	3	<ul style="list-style-type: none"> Sexual and asexual reproduction
	4	<ul style="list-style-type: none"> Cell replication
	5	<ul style="list-style-type: none"> DNA and protein synthesis
	6	<ul style="list-style-type: none"> Genetic variation
	7	<ul style="list-style-type: none"> Inheritance patterns in a population
	8	
1	1	Major Assessment: Practical investigation environmental effect on phenotype
	2	
	3	
	4	Module 6: Genetic variation (20 hour)
	5	Outcomes BIO12-6, BIO12-7, BIO12-13
	6	<ul style="list-style-type: none"> Mutation
	7	<ul style="list-style-type: none"> biotechnology
	8	<ul style="list-style-type: none"> genetic technologies
	9	Major Assessment: Data interpretation test – genetics
	10	
2	1	Module 7: Infectious Disease (30 hours)
	2	Outcomes BIO12-1, BIO12-2, BIO12-3, BIO12-4, BIO12-14
	3	<ul style="list-style-type: none"> Cause and transmission of infectious diseases,
	4	<ul style="list-style-type: none"> Response to infection by pathogens,
	5	<ul style="list-style-type: none"> Immunity and the immune system
	6	<ul style="list-style-type: none"> Prevention, treatment and control of infectious disease
	7	
	8	Major Assessment: Depth study (15 hours) - Research, Presentation & Speech
	9	
3	1	Module 8: Non-Infectious Disease (30 hours)
	2	
	3	
	4	Outcomes BIO12-5, BIO12-6, BIO12-7, BIO12-15
	5	<ul style="list-style-type: none"> Homeostasis
	6	<ul style="list-style-type: none"> Non-infectious diseases
	7	<ul style="list-style-type: none"> Epidemiology
	8	<ul style="list-style-type: none"> Prevention of non-infectious disease
	9	<ul style="list-style-type: none"> Disorders and technology to assist with the effect disorders
	10	Major Assessment: Trial HSC Exam