

Curriculum plan**Science faculty****Key Stage 5 A-Level biology**

	Year 12	Year 13
Autumn 1	Enzymes and the digestive system. Movement in and out of cells	ATP Respiration Photosynthesis
Autumn 2	Lungs and lung disease The heart and heart disease. The causes of disease. Immunity.	Nutrient cycles Energy and ecosystems Ecological succession Inheritance and selection
Spring 1	Variation The cell cycle DNA and meiosis Genetic diversity The variety of life.	Feedback mechanisms Response to stimuli Coordination
Spring 2	Cellular organisation Exchange and transport Classification Evidence for relationships between organisms.	Muscle contraction Homeostasis Genetic control of protein structure and function
Summer 1	Adaptation and selection Biodiversity	Control of gene expression DNA technology
Summer 2	Populations	