	Year 1 2022-23		Year 2 2023-4			Year 3 2025-26 CT + CH co-taught pre-CT		
						NS	Contemporary Interdisciplinary science AY: 5 credits	
Biochemistry	BC1	BB10263 Biochemistry	BC2	SL20036 protein structure	SL20009 Enzymology	BC3	Protein Synthesis, Folding, Structure-Function & Turnover (AY: 10 credits)	
	Must also take LS1.1		Must also take B2.3 or B2.5			Must also take B3.3 or B3.5 or BC3.1		
	Cannot take B1.1 or B1.2		Cannot take B2.1, B2.2, B2.4			BC3.1 choose one of	Entrepreneurial Biotechnology (AY 10 credits)	
							Current Topics 5 credits	Current Topics 5 credits
						Capstone project (15 credits)		
Biology	Cannot take more than 2 streams of Biology, and one of these must be LS1.1							
	LS1.1	BB10264 Cell biology	B2.3 (cell)	SL20041 Dynamic cell 1	SL20023 Mol. & Cellular neuroscience	B3.3	Advanced molecular and medical neuroscience (10 credit year-long)	
			B2.4 (gen)	SL20014 Genomics 1	SL20015 Genomics 2	B3.4	Current Topics 5 credits	Current Topics 5 credits
			not if taking Biochemistry					
			B2.5 (neu)	SL20024 Mol. Genetics of vertebrate dev.	SL20042 Dynamic cell 2	B3.5	Advanced developmental genetics and developmental neurobiology (10 credit year-long)	
	Life Sciences							
	B1.1	BB10265 Ecology & evolution	B2.1	SL20006 Concepts in evolution	SL20013 Field course OR SL20001 Behaviour & ecology	B3.1	Micro- and macroevolution (10 credit year-long) **OR** Conservation and global change biology (10 credit year-long	
	Ecology							
	B1.2	BB10266 Life on earth	B2.2	SL20032 Plant symbiosis & pathology	SL20030 Plant biotechnology	B3.2	Conservation and global change biology (10 credit year-long)	
	Plant Science							
						Capstone Project (15 credits)		

	Year 1 2022-23			Year 2 2023-4		Year 3 2025-26 CT + CH co-taught pre-CT		
Chemistry	Cannot take more than 2 streams of Chemistry in							
	C1.1	CH10135 Fundamentals of Organic Chemistry		C2.1	CH20150 Organic synthesis etc. for Nat Sci	C3.1	CH30128 Topics in organic chemistry	Choose 2: CH30211 Chemistry beyond the molecule, CH30065 Biosynthesis & Biotransformation, CH30230 DNA & the modern world (2.5 each)
							CH30235 Organic chemistry of biomolecules	
	C1.2	CH10133 Atomic structure, bonding & the periodic table		C2.2	CH20148 Inorganic synthesis etc. for Nat Sci	C3.2	CH30127 topics in inorganic chemistry	CH30231 Porous materials
							CH30203 Radiochemistry	CH30086 Inorganic chemistry in biological systems
	C1.3	CH10137 From molecule to materials		C2.3	CH20152 Principles of physical chemistry for Nat Sci	C3.3	CH30129 Topics in physical chemistry 1	CH30220 Chemical thermodynamics in context
							CH30218 Analytical chemistry for Nat Sci	CH30227 Advanced spectroscopic techniques
						CH30132 Chemistry research project (15 credits) OR XX30253 Vertically integrated project (15 credits)		
Maths	M1.1	PH10007 Mathematical methods for Physics		M2.1	PH20107 Mathematical methods for Physics 2		No maths, take more Physics units	
	Must have A Level Maths & be taking Physics options			This stream for students taking Physics				
	M1.2	MA10201 Modelling the dynamics of life 1	MA10202 Modelling the dynamics of life 2	M2.2	XX20231 Mathematical & Statistical methods	M3.3	Mathematical modelling	Mathematical Biology: biomedical applications
	Can take only one stream of Maths							

Physics

	Year 1 2022-23		
P1.1	PH10002 properties of matter	PH10006 Electricity & magnetism,	
	PH10005 Vibrations, waves & optics	PH10001 Intro to quantum physics	

	Year 2 2023-4	
P2.1	PH20060 Quantum & atomic physics	PH20061 Electromagnet. 1
	PH20067 Thermal Physics	PH20063 Condensed matter physics 1

	Year 3 2025-26 CT + CH co-taught pre-CT	
P3.1 choose 10 credits per semester	Adv Quantum mechanics (5) OR Photonics (5) OR Statistical Physics & Soft matter (5) OR Medical Physics (5) OR Electronics & Opt Prop of matter (5) OR Nonlinear Physics (5) OR Environmental Physics (5)	Networks&quantum Information (5) OR Magnetism & superconductivity (5) OR Laser Physics (5) OR Symmetry & Topology (5) OR Sustainable Energy Technologies (5)

Physics project (15 credits): PH30036 Final Year Project OR PH30096 Industry Year Project OR PH30099 Communication Physics Project OR XX30253 Vertically integrated project

Pharmacology

LS1.1	BB10264 Cell biology	
PC1.1	PA10315 Fundamental of physiology & pharmacology for Nat Sci	

	Can take B2.3, B2.4, B2.5 in Year 2	
PC2	SL20021 Intro to practical pharm, (3 credits) AND SL20008 Drug discovery (3 credits) DOUBLE ONLY	SL20012 Experimental Pham for Nat Sci (DOUBLE ONLY) OR SL20018 Infection & Immunity for Nat Sci (SINGLE stream choice) (DOUBLE OR SINGLE)
	SL20028 Pharm. of the central nervous system (6 credits) SINGLE STREAM	SL20004 Cardiovascular & autonomic pharm. (SINGLE stream choice)

PC3	PA30251 Advanced topics & trends in Pharmacology (10)	Choose 2: PA30148, Advanced CNS, PA30157 Molecular Biology of Cancer, PA30168 Drug targets in the Immune system, PA30169 Molecular signalling, PA30252 Regenerative medicine (cannot be taken with Advanced Developmental Genetics & Stem Cells)

SL30071 Pharmacology dissertation for Nat Sci (15 credits)

Environment

(no units in Year 1)

ENV2.1	XX20239 Intro to env. sciences & sustainability

ENV3	Choose 1 or 2: XX30001 Renewable energy, XX30172 State of the planet, CE40129 Legislation & waste management	Choose 1 or 2: XX30252 Transition to sustainability, XX30213 Global challenges: water

Environment majors to choose 2 options each semester, minor to choose 1 each semester

XX30177 Environmental Sciences dissertation (15 credits)

	Year 1 2022-23			Year 2 2023-4			Year 3 2025-26 CT + CH co-taught pre-CT		
Non-science	ED1	(no S1 unit)	ED10002 Learning theory & content	ED2	ED20003 Education in society	ED20126 Educational psychology	ED3	ED30005 Science education practice	ED30006 Issues in science education
	MN1	MN10545 organisational behaviour	MN10248 Intro to business accounting	MN2	MN20072 Managing human resources	MN20073 Marketing	MN3	MN20074 Business information systems	MN30076 Business strategy
	PS1	PS10086 Mind & behaviour		PS2	PS20167 Cognitive neuroscience		PS3	PS30115 Contemporary educational psychology	PS30156 Emotion science
							Must have taken PS1 and PS2		
							ZZ	DoS approved unit	DoS approved unit