

	YR1	YR2	YR3
	[c] = compulsory unit for the subject stream		
Nat Sci	SC12001 Nat Sci Portfolio 1 [c] AY 10	SC22002 Nat Sci Portfolio 2 [c] AY 10	SC32004 Contemporary Interdisciplinary Science [c] AY 5
Biochemistry	SL12001 Biochemistry [c] AY 10 SL12002 Cell Biology [c] AY 10 SL12001 can be taken (alone) as an optional unit on Chemistry and Pharmacology SL12001 Biochemistry AY 10	SL22016 Protein Structure and Analysis [c] (10-credit option cont.) AY 10 SL22015 Molecular Biochemistry*** AY 10 SL22041 Gene Regulation and Vertebrate Development*** AY 10 SL22044 Neuroscience*** AY 10 ***choose between 10 and 20 credits Continuation of 10-credit optional stream SL22016 Protein Structure and Analysis AY 10	SL32025 Protein Synthesis, Folding, Structure-Function & Turnover [c] AY 10 SL32055 Developmental and stem cell biology **^ AY 10 SL32056 Advanced Molecular & Medical Neuroscience %**^ AY 10 SL32071 Entrepreneurial Biotechnology **^ AY 10 SL32065 Current Topics in Bioscience (Take 1 Topic) **^ S1 5 SL32066 Current Topics in Bioscience (Take 1 Topic) **^ S2 5 **choose between 0 and 10 credits Final Year Project for Biochemistry majors SL32139/32140 Capstone Project S1 or S2 15
Biology	SL12007 Biodiversity [c] AY 10 SL12008 Principles of Ecology & Evolution [c] AY 10	SL22018 Evolution & Phylogeny \$ AY 10 SL22046 Plant Infection & Immunity \$ S1 5 SL22048 Plant Signalling & Development \$ S2 5 SL22038 Behavioural Ecology \$ S1 5 SL22043 Modern Methods in Biology % \$ S2 5 SL22040 Field Course % \$ S2 5 \$ choose between 20 and 30 credits % cannot choose both	SL32075 Micro and Macro Evolution \$\$ AY 10 SL32064 Conservation & Global Change Biology \$\$ AY 10 SL32163 Microbiomes and One Health \$\$ AY 10 SL32065 Current Topics in Bioscience (Take 1 Topic) \$\$ S1 5 SL32164 Plant Biotechnology and the Environment \$\$ S2 5 \$\$ choose 20 credits Final Year Project for Biology majors SL32139/32140 Capstone Project S1 or S2 15
Chemistry	CH12002 Foundations and Applications of Chemistry AY 20	CH22008 Fundamental Concepts of Chemistry [c] AY 20	CH32050 Advanced Chemistry 1 for Natural Sciences *** S1 10 CH32019 Problems & Solutions in Modern Chemistry for Natural Sciences *** S2 10 ***compulsory for Chemistry majors Final Year project for Chemistry majors (choose one) CH32051 Chemistry Project AY 15 CH32042 Chemistry dissertation AY 15 SC32010 Vertically integrated project AY 15
Pharmacology	SL12123 Fundamentals of pharmacology, health and # 10 credit version available as an option on some routes (SL12122) AY 20	SL22051 Central Nervous System Pharmacology [c] S1 5 SL22052 Drug Discovery & Experimental Pharmacology [c] S1 5 SL22138 Immunity and Immunotherapy [c] S2 10 or if taking Neuroscience in BC2 SL22052 Drug Discovery & Experimental Pharmacology [c] S1 5 SL22138 Immunity and Immunotherapy [c] S2 10 SL22050 Cardiovascular, Renal and PNS Pharmacology S2 5 or 10-credit option (on some routes) SL22051 Central Nervous System Pharmacology [c] S1 5 SL22050 Cardiovascular, Renal and PNS Pharmacology S2 5 or if taking Neuroscience in BC2 SL22052 Drug Discovery & Experimental Pharmacology [c] S1 5 SL22050 Cardiovascular, Renal and PNS Pharmacology S2 5	SL32030 Advanced Topics and Trends in Pharmacology [c] S1 10 SL32079 Advanced CNS Pharmacology %**^ S2 5 SL32083 Drug Targets in the Immune System * S2 5 SL32088 Trends in molecular signalling ** S2 5 SL32086 Molecular Biology of Cancer **^ S2 5 SL32087 Pharmacology of Regenerative Medicine **^ S2 5 * Pharmacology majors choose 10 credits ^ choose up to 10 credits on other routes Final Year Dissertation for Pharmacology majors SL32085 Pharmacology Dissertation AY 15
Physics	PH12002 Foundations of Physics 1 [c] AY 20 PH12062 Mathematics for Physics (NS) 1 [c] AY 10	PH22006 Foundations of Physics 2 [c] AY 20 PH22010 Mathematics for Physics (NS) 2 [c] AY 10	PH32013 Advanced Quantum Mechanics \$ S1 5 PH32046 Electronic & Optical Properties of Matter \$ S1 5 PH32055 Nonlinear Physics \$ S1 5 PH32020 Statistical Physics & Soft Matter \$ S1 5 PH32052 Medical Physics \$ S1 5 PH32056 Photonics \$ S1 5 PH32047 Environmental Physics \$ S1 5 PH32050 Laser Physics \$ S2 5 PH32054 Networks & Quantum Information \$ S2 5 PH32021 Symmetry & Topology \$ S2 5 PH32051 Magnetism & Superconductivity \$ S2 5 PH32057 Sustainable Energy Technologies \$ S2 5 \$ Choose between 20 and 30 credits Final Year Project for Physics majors (choose one): PH32048 Final Year Project AY 15 PH32049 Industry Team Project AY 15 PH32040 Communicating Physics Project AY 15 SC32010 Vertically Integrated Project AY 15
Environment	No Environment units in Year 1	SC22003 Environmental Science & Sustainability [c] AY 10	SC32006 State of the Planet [c] S1 5 SC32008 Global Challenges: water [c] S2 5 SC32009 The Transition to Sustainability [c] S2 5 and one (depending on pre-reqs) MA32060 Mathematics of Planet Earth (requires MA22034 or PH22010) S2 5 CH32102 Energy Materials for Nat Sci (requires CH22008) S1 5 PH32047 Environmental Physics (requires PH12002) S1 5 PH32057 Sustainable Energy Technologies (requires PH32046) S2 5 SL320164 Plant Biotechnology and the Environment (no pre-req) S2 5 Final Year Project for Environment majors (choose one) SC32007 Environmental Sciences dissertation [c] AY 15 SC32010 Vertically Integrated Project AY 15
Non-Science: Maths	MA12029 Mathematical methods for the life sciences AY 10	MA22034 Mathematical methods for the life sciences 2 S1 5 MA22035 Mathematical Biology: ecology and epidemiology S2 5	MA32059 Mathematical modelling S1 5 MA32058 Mathematical Biology: biomedical applications S2 5
Management	MN12001 Organisational behaviour S1 5 MN12002 Introduction to accounting S2 5	MN22156 Digital Business innovation S1 5 MN22171 Marketing S2 5	MN32184 Business Strategy S2 5
Psychology	PS12001 Mind, brain and Behaviour AY 10	PS22007 Cognitive neuroscience AY 10	PS32014 Contemporary Educational Psychology S1 5 PS32024 Emotion Science S2 5
Education	No units offered in Year 1	No units offered in year 2	ED32015 Science Education in Practice S1 5 ED32014 Issues in Science Education S2 5 Director of Studies Approved Unit S1 and/or S2 5