

Undergraduate Biomedical, Health & Life Science Programme Detail (New programme currently being phased in)

STAGE	YEAR	Semester 1										Holiday		Semester 2										Summer					Credits												
		07-Sep-09	14-Sep-09	21-Sep-09	28-Sep-09	05-Oct-09	12-Oct-09	19-Oct-09	26-Oct-09	02-Nov-09	09-Nov-09	16-Nov-09	23-Nov-09	30-Nov-09	07-Dec-09	14-Dec-09	21-Dec-09	28-Dec-09	04-Jan-10	11-Jan-10	18-Jan-10	25-Jan-10	01-Feb-10	08-Feb-10	15-Feb-10	22-Feb-10	01-Mar-10	08-Mar-10		15-Mar-10	22-Mar-10	29-Mar-10	05-Apr-10	12-Apr-10	19-Apr-10	26-Apr-10	03-May-10	10-May-10	17-May-10	24-May-10	31-May-10
1	1	Biophysics of the Cell										5	Physics of Macro-organisms										5	50 Programme/ option credits 10 Elective credits																	
		Basic Tissue & Early Development of the Body										5	Medical Genetics										5																		
		Clinical Human Anatomy I										5	Clinical Human Anatomy II										5																		
		Option	Cell-cell Communication & Signaling										5	1 of 2 options	Organic Chemistry & Chemical Biology										5																
		Option	Basic Principle of Cell Biology										5	Science Medicine & Society											5																
		Option	Introductory Chemistry										5	1 of 2 options																											
Option	General & Physical Chemistry										5																														
2	2	Molecular Basis of life										5	Option	Biological Molecules – Structure, Reactivity & Biosynthesis										5	50 Programme/ option credits 10 Elective credits																
		Biostatistics										5	Option	Respiratory Physiology										5																	
		Option	Molecular Genetics										5	Option	Vascular Biology											5															
		Option	Neuroscience										5	Option	Cardiac Biology											5															
		Option	Gastrointestinal Tract & Liver Biology										5	2 of 4 options	Option	Endocrine and Immune Biology										5															
		Option	Biological Mol-Interactions										5	Option	Renal Biology											5															
		Option												Option	Immunology											5															
Option												Option	Microbiology in Medicine										5																		
3	3	Bioinformatics										5	Biochemists' Toolkit										5	50 Programme credits 10 Elective credits																	
		Mechanisms of Disease										5	Research Methods & Statistics										5																		
		Option	Receptor-Mediated Cell Signaling										5	Drug action in body systems											5																
		Option	Adaptation of the lung to hypoxia										5	Option	Genomics & Proteomics										5																
		Option	Chemotherapeutic Agents										5	Option	Upper airway Physiology										5																
		Option	Central Nervous Systems Diseases										5	Option	Genetic Basis of Disease										5																
		Option	Endocrine and Reproductive										5	Option	Medical Microbiology										5																
		Option	Stem Cells: An Introduction to Regenerative Medicine										5	Option	Principles of Infection										5																
		Option	Local control of vascular resistance										5	Option	Cancer Chemotherapy										5																
		Option	GI/Hepatobiliary										5	Option																											
Option	Renal Physiology & Electrolyte										5																														
4	4	Research Project: BSc BHLS										20	Option	Genetics, Perinatal & Pediatric Diseases										5	60 Programme/ option Credits																
		Journal & Ethical Review										5	Option	Genetics, Disease & Behaviour										5																	
		Drug Discovery & Development										5	Option	Molecular, Endocrine & Immune Biology										5																	
		Option	Gastrointestinal Physiology										5	Option	Nutritional Biochemistry											5															
		Option	Respiratory Disease										5	Option	Advanced Cancer Biology & Pharmacology											5															
		Option												Option	Cell Growth, Differentiation & Death											5															
Option												Option	Advanced Neurochemistry										5																		
Option												Option	Advanced Cell Signaling										5																		
Option												Option	Emerging Therapies: Cloning, Gene Therapy & Stem Cells										5																		
Option												Option	Advanced Mechanisms of Gene Regulation										5																		
Option												Option	Biomarker Development & Validation										5																		
Option												Option	Advanced Cardiovascular Pharmacology										5																		
Option												Option	Advanced Renal Pharmacology										5																		
Option												Option	Models of Disease										5																		

Cell Biology	Endocrine	Research
Chemistry	GI	Immunology
Physics	Vascular	Renal
Genetics	Respiratory	Cancer
	Neuroscience	