

SAMPLE PATHWAY FOR A DEGREE IN BSC. BIOMEDICAL HEALTH AND LIFE SCIENCES

	Autumn Trimester		Spring Trimester
Stage 1	Clinical Human Anatomy I	→	Clinical Human Anatomy II
CORE	Basic Tissues and Early Development	→	Basis of Organic and Biological Chemistry
	Basic Principles of Cell Biology	→	Science, Medicine and Society
	Physics in Medicine I	→	Basic Principles of Genetics
	Translational Research	→	Physics II Medical Science
OPTIONS	Introductory Chemistry		
	The Molecular World		
Stage 2	Biomolecular Science	→	Biochemistry in Action
CORE	Biomolecular Lab Skills 1	→	Biomolecular Lab Skills 2
	Molecular Genetics and Biotech	→	Pharmacology: Biomedical Science
	Data Modelling for Science		
OPTIONS	Chemistry for Biology	→	Nutritional Energy Metabolism
	Chemistry for Macronutrients	→	Vascular Biology
	Gastrointestinal Tract and Liver Biology	→	Principles of Neuroscience
	Endocrine Biology	→	Respiratory Physiology
	Cell-Cell Communications		Renal Biology
			Principles of Microbiology
			Cardiac Biology
Stage 3	Bioinformatics	→	Drug Action in Body Systems II
CORE	Disease Mechanisms & Pharmacol	→	Introduction to Research
	Cell Signalling		
OPTIONS	Stem Cells in Medicine	→	Biochemist's Toolkit
	GI / Hepatobiliary Diseases	→	Genomics and Proteomics
	Chemotherapeutic Agents	→	Genetic Basis of Disease Biologists
	CNS Diseases	→	Endocrine Physiology
	Control of Vascular Resistance	→	Experimental Physiology
			Medical Imaging
			Programming for Biologists
			Medical Microbiology
Stage 4	Journal and Ethical Review		
CORE	Research Project: BSc. Biomed		
OPTIONS	Clinical Biomarkers	→	Advanced Cell Signalling
	Advanced Cardiovascular pharmacology	→	Advanced Neurochemistry
			Advanced Pharmacology of Cancer
			Gene Regulation
			Model Organism Genetics
			Human Genetics & Disease
			Genetics, Perinatal and Paediatric Diseases
			Personalized Medicine
			Emerging Therapies
			Drug Discovery and Development I
			Advanced Renal Pharmacology
			Drug Discovery and Development II
			Medical Imaging