



BSc. Biomedical Health And Life Science

Autumn Trimester

Spring Trimester

September

October

November

December

January

February

March

April

May

STAGE 1

ANAT10110 - Clinical Human Anatomy I
 ANAT20030 - Basic Tissues and Early Development
 PATH10020 - Basic Principles of Cell Biology
 PHYC10120 - Physics in Medicine I
 PATH10010 - Translational Research

5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits

CORE

CHEM00010 - Introductory Chemistry
 CHEM10040 - The Molecular World

5 Credits
 5 Credits

OPTIONS

ANAT10120 - Clinical Human Anatomy II
 CHEM10050 - Basis of Organic and Biological Chemistry
 MDSA10210 - Science, Medicine and Society
 PATH10200 - Basic Principles of Genetics
 PHYC10130 - Physics II Medical Science

5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits

CORE

55 Programme Credits
 5 Elective Credits

STAGE 2

BMOL20110 - Biomolecular Science
 BMOL20060 - Biomolecular Lab Skills 1
 BMOL20090 - Molecular Genetics and Biotech
 STAT20070 - Data Modelling for Science

5 Credits
 5 Credits
 5 Credits
 5 Credits

CORE

CHEM20090 - Chemistry for Biology
 FDSC20010 - Chemistry for Macronutrients
 MDSA20010 - Gastrointestinal Tract and Liver Biology
 MDSA20030 - Endocrine Biology
 PHYS20050 - Cell-Cell Communications

5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits

OPTIONS
 CHOOSE 1

BIOC20060 - Biochemistry in Action
 BMOL20070 - Biomolecular Lab Skills 2
 PHAR20040 - Pharmacology: Biomedical Science

5 Credits
 5 Credits
 5 Credits

CORE

50 Programme Credits
 10 Elective Credits

FDSC20020 - Nutritional Energy Metabolism
 MDSA20170 - Vascular Biology
 NEUR20050 - Principles of Neuroscience
 PHYS30020 - Respiratory Physiology

5 Credits
 5 Credits
 5 Credits
 5 Credits

OPTIONS
 CHOOSE 1

MDSA20190 - Renal Biology
 MICR20050 - Principles of Microbiology
 MDSA20180 - Cardiac Biology

5 Credits
 5 Credits
 5 Credits

OPTIONS
 CHOOSE 1

STAGE 3

MEIN30240 - Bioinformatics
 PATH30080 - Disease Mechanisms & Pharmacol
 BMOL30040 - Cell Signalling

5 Credits
 5 Credits
 5 Credits

CORE

CLIP30240 - Stem Cells in Medicine
 PATH30040 - GI / Hepatobiliary Diseases
 PHAR30010 - Chemotherapeutic Agents
 PHAR30060 - CNS Diseases

5 Credits
 5 Credits
 5 Credits
 5 Credits

OPTIONS
 CHOOSE 3

PHAR30020 - Drug Action in Body Systems II
 RDGY30760 - Introduction to Research BHLS

5 Credits
 5 Credits

CORE

50 Programme Credits
 10 Elective Credits

BIOC30030 - Biochemist's Toolkit
 BMOL30050 - Genomics and Proteomics
 GENE30030 - Genetic Basis of Disease Biologists
 PHYS30040 - Endocrine Physiology
 PHYS30190 - Experimental Physiology
 RDGY30520 - Medical Imaging
 GENE30040 - Programming for Biologists
 MEMI30010 - Medical Microbiology

5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits

OPTIONS
 CHOOSE 3

STAGE 4

PATH40030 - Journal and Ethical Review
 PATH40220 - Research Project: BSc. Biomed

5 Credits
 20 Credits

CORE

PATH40020 - Clinical Biomarkers
 PHAR40030 - Advanced Cardiovascular pharmacology

5 Credits
 5 Credits

OPTIONS
 CHOOSE 1

BIOC40060 - Advanced Neurochemistry
 BMOL40050 - Advanced Pharmacology of Cancer
 GENE40030 - Gene Regulation
 GENE40040 - Model Organism Genetics
 GENE40050 - Human Genetics & Disease
 PATH30060 - Genetics, Perinatal and Paediatric Diseases
 MEIN40230 - Personalized Medicine
 PHAR40040 - Emerging Therapies
 PHAR40050 - Drug Discovery and Development I
 PHAR40060 - Advanced Renal Pharmacology
 PHAR40160 - Drug Discovery and Development II
 RDGY30520 - Medical Imaging

5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits
 5 Credits

OPTIONS
 CHOOSE 6

60 Programme Credits

ANATOMY
 CELL BIOLOGY
 PHYSICS
 RESEARCH
 CHEMISTRY
 GENETICS

GI
 ENDOCRINE
 METABOLISM
 RESPIRATORY
 CARDIAC
 BIOINFORMATICS

CANCER
 NEUROSCIENCE
 THERAPEUTICS
 VASCULAR