



# 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

OPTIONS

CHEM00010 - Introductory Chemistry  
 CHEM10040 - The Molecular World

5 Credits  
 5 Credits

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

OPTIONS

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

OPTIONS

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

CHOOSE 1

CHOOSE 1

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

5 Credits  
 5 Credits  
 5 Credits

CORE

OPTIONS

CHOOSE 1

CHOOSE 1

50 Programme Credits  
 10 Elective Credits

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

OPTIONS

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

5 Credits  
 5 Credits  
 5 Credits  
 5 Credits

CHOOSE 3

CHOOSE 3

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

5 Credits  
 5 Credits

CORE

OPTIONS

CHOOSE 3

CHOOSE 3

50 Programme Credits  
 10 Elective Credits

PHYS30270 - The Brain and Motor Control  
 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

STAGE 4

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

5 Credits  
 20 Credits

CORE

OPTIONS

PATH40020 - Clinical Biomarkers  
 PHAR40030 - Advanced Cardiovascular pharmacology

5 Credits  
 5 Credits

CHOOSE 1

CHOOSE 1

PATH40220 - Research Project: BSc. Biomed

5 Credits

CORE

OPTIONS

CHOOSE 5

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  
 RDGY30520 - Medical Imaging

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

OPTIONS

CHOOSE 5

60 Programme Credits

ANATOMY  
 CELL BIOLOGY  
 PHYSICS  
 RESEARCH  
 CHEMISTRY  
 GENETICS

GI  
 ENDOCRINE  
 METABOLISM  
 RESPIRATORY  
 CARDIAC  
 BIOINFORMATICS

CANCER  
 NEUROSCIENCE  
 THERAPEUTICS  
 VASCULAR