

**Year 1**

**Year 2**

**Year 3**

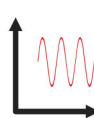
**Year 4/5**



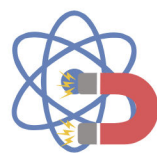
**CHEM 1001, CHEM 1002**  
General Chemistry



**BIOL 1103, BIOL 1104**  
Foundations of Biology



**MATH 1007, MATH 1107**  
Elementary Calculus I  
and Linear Algebra



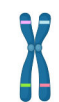
**PHYS 1007, PHYS 1008**  
Elementary University  
Physics



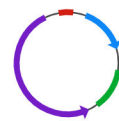
**BIOC 2200**  
Cellular Biochemistry



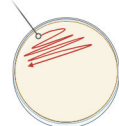
**BIOC 2300**  
Physical Biochemistry



**BIOL 2104**  
Introductory Genetics

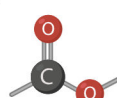


**BIOL 2301**  
Biotechnology I



**BIOL 2303**  
Microbiology

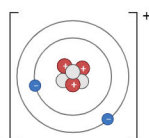
**Other options in biology**



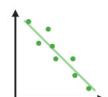
**CHEM 2203, CHEM 2204**  
Organic Chemistry



**CHEM 2303**  
Analytical Chemistry



**CHEM 2501**  
Inorganic Chemistry



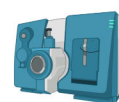
**STAT 2507**  
Intro to Stat Modeling



**BIOC 3101 and 3102**  
General Biochemistry



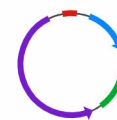
**BIOC 3103 and 3104**  
Practical Biochemistry



**BIOC 3202**  
Biophysical Techniques  
and Applications



**BIOL 3104**  
Molecular Genetics



**BIOL 3301**  
Biotechnology II

**Options in experimental biology:**

**BIOL 3205**  
Plant Biochem  
and Physiology

**BIOL 3201**  
Cell Biology

**BIOL 3305**  
Experimental  
Microbiology

**BIOL 3307**  
Human and  
Comparative  
Physiology



**CHEM 3201**  
Advanced Organic Chemistry

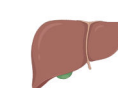


**BIOC 4001**  
Methods in Biochemistry

**Options in biochemistry:**



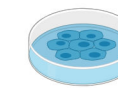
**BIOC 3008**  
Bioinformatics



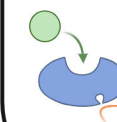
**BIOC 4708**  
Principles of  
Toxicology



**BIOC 3104**  
Biochemistry  
of Disease

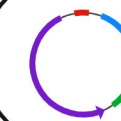


**BIOC 4201**  
Advanced Cell  
Culture and  
Tissue  
Engineering



**BIOC 4005**  
Biochemical  
Regulation

Examples only.



**BIOL 4301**  
Current Topics in Biotechnology

**Honours project**



**BIOC 4907**  
Honours Essay and  
Research Proposal



**BIOC 4908**  
Research Project

0.5 credit from list of approved courses in BIOL

0.5 credits from list of approved courses in BIOL or CHEM

0.5 credit from Free Electives

2.0 credits in Approved Courses Outside the Faculties of Science and Engineering (may include NSCI 1000)