

**Year 1**

**Year 2**

**Year 3**

**Year 4/5**



**CHEM 1001, CHEM 1002**  
General Chemistry



**BIOC 2200**  
Cellular Biochemistry



**BIOC 2300**  
Physical Biochemistry



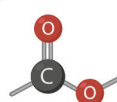
**BIOL 2104**  
Introductory Genetics



**BIOL 2001**  
Animals: Form and Function



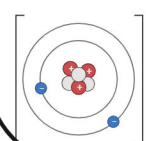
**BIOL 2002**  
Plants: Form and Function



**CHEM 2203, CHEM 2204**  
Organic Chemistry



**CHEM 2303**  
Analytical Chemistry



**CHEM 2501**  
Bioinorganic Chemistry



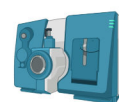
**STAT 2507**  
Intro to Stat Modeling



**BIOC 3101 and 3102**  
General Biochemistry



**BIOC 3103 and 3104**  
Practical Biochemistry



**BIOC 3202**  
Biophysical Techniques and Applications



**CHEM 3201**  
Advanced Organic Chemistry

**Options in chemistry:**

**CHEM 3202**  
Advanced Organic Chem II

**CHEM 3205**  
Experimental Organic Chem



**BIOL 3104**  
Molecular Genetics

**Options in biology:**



**BIOL 3205**  
Plant Biochem and Physiology



**BIOL 4103**  
Population Genetics

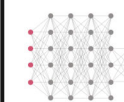


**BIOL 3307**  
Human Anatomy and Physiology



**BIOC 4001**  
Methods in Biochemistry

**Options in biochemistry:**



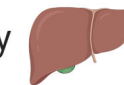
**BIOC 3008**  
Bioinformatics



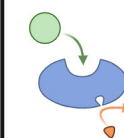
**BIOC 4200**  
Immunology



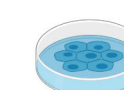
**BIOC 3104**  
Biochemistry of Disease



**BIOC 4708**  
Principles of Toxicology



**BIOC 4005**  
Biochemical Regulation



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

Examples only.

**3.0 credits from list of approved courses in BIOC, CHEM, PHYS, MATH or COMP**

**0.5 credit from Free Electives**

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