Bachelor of Science (Hons) Biochemistry

The BSc (Hons) in Biochemistry course provides opportunities for students to develop and demonstrate knowledge and understanding, qualities, skills and other attributes in the following areas:

1. Knowledge and understanding
   i. Demonstrate understanding of the fundamental concepts, principles and theories of modern biochemistry.
   ii. Illustrate a sound knowledge of the major areas of biochemistry.
   iii. Demonstrate a level of knowledge and understanding sufficient to secure employment or enter and benefit from further exploration in biological sciences or related areas.

2. Intellectual Skills
   i. Synthesis information from a variety of sources (papers, databases, textbooks, lectures).
   ii. Interpret and manipulate experimental data, and draw logical conclusions from the results.
   iii. Think logically, quantitatively and critically, analyse and solve problems.
   iv. Plan, conduct and write a report on an independent project.

3. Practical Skills
   i. Undertake biochemical laboratory tasks and techniques.
   ii. Plan experiments and carry them out in the laboratory.
   iii. Transferable Skills.
   iv. Work effectively individually or as part of a team, demonstrating organization leadership, decision making and time management.
   v. Communicate clearly and effectively both orally and in writing.
   vi. Use of computers to access information resources, data handling and work processing.