



Faculty of Science

Department of Biochemistry and Microbiology

If you have a fascination for all things in the life sciences, the ideal way to start your career is to study a BSc degree with majors in Biochemistry and/or Microbiology.

Biochemistry

Biochemistry is the study of the living cell in terms of the laws of Chemistry and Physics. Biochemists decipher the equations of life by experimenting on the influence of chemical reactions within the cell.

Biochemistry is offered from year 2.

Biochemistry modules include:

Module code	Module description
BCV201	Introductory Biochemistry and Genetics
BCV202	Metabolism
BCV301	Advanced Protein Technology
BCV302	Integrated Biochemistry

Microbiology

Microbiology is the study of the world of organisms too small to be seen by the naked eye; the effect they have in nature; their effect on humans, animals and plants and their ability to make physical and chemical changes in our environment.

Microbiology is offered from year 2.

Microbiology modules include:

Module code	Module description
BMV201	Introductory Microbiology and Control Micro-organisms
BMV202	Medical Microbiology
BMV301	Bacteriology, Microbial Ecology, Virology & Mycology
BMV302	Gene Manipulation, Industrial Microbiology and Biotechnology

Admission Requirements

- Admission Score of 40.
- Minimum statutory NSC requirements for degree entry must be met.
- English, Afrikaans or isiXhosa (home language or first additional language) on at least level 3 (40-49%). NSC
- achievement rating of at least 5 (60-69%) for Mathematics.
- Applicants with an Admission Points Score between 30 and 39 may be referred to write the Access Assessment Battery before a decision is made on whether or not to admit the applicant to the course.

Medical research, Agriculture, Food and Pharmaceutical industries, Municipalities, Law enforcement (forensics), Sport science, Nutritional research, Teaching, Academic research

Enquiries

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