



Higher Certificate in Bioscience

SAQA ID 120666 NQF Level 5

🕒 Mode and duration

Contact

Full-Time (Campus)

- Minimum: 1 year
- Maximum: 3 years

☰ Qualification description

The primary purpose of the qualification is to provide graduates with a Higher Certificate in Bioscience which specialises in the knowledge, specific skills and applied competence in the field of biological science or in a related field. This qualification provides students with skills which are required in the workplace to improve their overall productivity. In addition to bioscience related subject knowledge, students are supported to develop graduate attributes that are essential skills to excel both at personal and professional levels. The combination of theory and practice results in well-rounded students, who on successful completion, are prepared to launch a career as candidate scientists.

Above all, one of the exit-level outcomes is for graduates to be able to demonstrate knowledge and understanding of the key terms, concepts, facts, principles, and theories related to the field of biological science, as well as that of the subject specialisation areas and apply this knowledge to practice.

📄 Qualification accreditation

- Accredited by the Higher Education Quality Committee (HEQC) of the Council on Higher Education (CHE)
- Registered with the South African Qualifications Authority (SAQA)

This qualification is offered at the following campuses:

- Midrand

☑ Entry requirements

1. South African National Senior Certificate (NSC) with Bachelor's degree, Diploma or Higher Certificate endorsement.
2. Or a National Certificate (Vocational) level 4 issued by the Council of General and Further Education and Training with Bachelor's degree, Diploma or Higher Certificate endorsement.
3. Or a Certificate of evaluation on a minimum NQF level 4 for foreign qualification confirmed by SAQA.
4. Or a letter or certificate confirming an exemption from Universities South Africa (USAF) for any other school-leaving results.
5. Or completion of a Bachelor's degree, Diploma, Higher Certificate or equivalent.
6. And a minimum of 40% for Grade 12 or equivalent English Language.
7. And a minimum of 40% for Grade 12 or equivalent Mathematics or 50% in Mathematical Literacy.

📁 Possible career options

Graduates will be prepared to work as assistants in relevant:

- Bio-manufacturing
- Pursue further education in biological studies
- Research, diagnostic and industrial laboratories

📦 Qualification structure

Year 1

- Bioethics and Communication
- Biostatistics
- Chemistry
- Introduction to Bioprocessing
- Introduction to Biotechnology
- Laboratory SHEQ
- Laboratory Techniques in Experimental Biosciences
- Mathematics for Science
- Principles of Cell Biology
- Professional Skills Development
- Project Planning