



Bachelor of Science Access Programme (Information Technology)

🕒 Mode and duration

Contact / Blended

Full-Time

- Minimum: 6 months
- Maximum: 12 months

☰ Qualification description

The Bachelor of Science (BSc) Access Programme (AP) aims to enhance inclusivity by providing an opportunity for potential students who fall short of the admission criteria for a BSc in Information Technology (IT) (any specialisations) or a BSc in Computer Science (CS).

Furthermore, the BSc AP aims to broaden access and ease the vertical progression of students from, but not limited to, the Quality Council for Trades and Occupations (QCTO), Sector Education and Training Authority (SETA), and Technical and Vocational Education and Training (TVET) to either BSc IT (any specialisations) or BSc CS.

The programme seeks to ensure that the academic success of students remains a central focus throughout their academic journey.

This qualification is offered at the following campuses:

- Bedfordview
- Bloemfontein
- Claremont
- Durban
- East London
- Mbombela
- Midrand
- Nelson Mandela Bay
- Potchefstroom
- Pretoria
- Tyger Valley
- Vanderbijlpark

☑️ Entry requirements

1. Bachelor's degree pass or equivalent with Mathematics below 30% or Mathematical Literacy below 50%.
2. Or completion of any recognised qualification on a NQF level 5 with at least 120 credits.
3. Or completion of National N Diploma (TVET).
4. Or N4 and N5 certificates that are relevant and completed.
5. Or Recognition of Prior Learning: Work Experience-Based.

📦 Qualification structure

Year 1

- Academic English for IT Professionals
- Computer Skills (Microsoft)
- Maths for Computing
- Non-Technical Skills for IT Professionals



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Module Descriptors

Year 1

Academic English for IT Professionals

This module is meticulously designed to equip students and professionals in the Information Technology (IT) field with the essential academic and professional English skills required to excel in their careers and academic endeavours. The curriculum is structured into three main parts, each addressing key aspects of language and communication.

By the end of this module, students are expected to have developed a robust foundation in academic English, with specific emphasis on the needs of IT professionals. The skills acquired will not only aid in academic success but also enhance communication and writing abilities in the professional world.

Computer Skills (Microsoft)

This module provides students with practical computer skills, with an emphasis on Microsoft software applications. By the end of the module, students should have developed an understanding of information communications and technology (ICT) and be proficient in using Microsoft Word, Excel, PowerPoint, Access, and Outlook for a variety of academic and professional tasks.

Maths for Computing

In this module, students will engage with number theory, probability theory, geometrical and vector methods, as well as differential and integral calculus through a combination of case studies, scenarios, and task-based assessments. These diverse approaches will allow them to apply these mathematical theories and methodologies across a range of scenarios, ultimately enabling them to evaluate and solve complex problems in these areas. This module covers a range of topics such as prime number theory, sequences and series, probability theory, geometry, and the fundamentals of differential and integral calculus.

Non-Technical Skills for IT Professionals

Students will develop essential non-technical skills for IT professionals in this module. These skills, which are essential for success in IT roles, include effective communication, research and presentation skills, cultural sensitivity, personality profiles and emotional intelligence, self- and stress management, team dynamics, conflict negotiation and assertiveness, and time management.