NWU ®

BSc degree in Information Technology

Delivered by the **NWU Unit for Open Distance Learning**

It all starts here®

By obtaining a qualification at the North-West University (NWU) you will accelerate your career and improve your effectiveness and efficiency in the classroom.

The North-West University:

- is one of a few worldwide universities that has a strong contact-, as well as a distance learning mode of delivery;

- is an internationally recognised university with an international student body from **68 countries**;

- is the second largest university in South Africa with more than **50 000 students**;

- has some of the best academic support programmes in Africa resulting in a **success rate of 86,3%** by our students; and

- is one of the best tertiary education institutions for education towards a professional career according to the **2022** rankings by the **Times Higher Education (THE) World Rankings.**

Method of Delivery

Lectures and tutorial lessons are mainly presented by means of online videos and activities. All lessons are saved under Downloads for students to access at their convenience.

Students are supported by means of eFundi (a virtual learning environment) and communication with lecturers and facilitators, as well as a contact centre, library services, and various self-help services.

All examinations are conducted at exam centres, subject to covid regulations, with NWU staff setting the examination papers and assessing answer scripts, thus ensuring that all students have met the required module and programme outcomes. Open Distance Learning studies are only available in English as a medium of instruction.

Other Requirements

It is compulsory, and the responsibility of the student to ensure that he/she has access to, or obtains the necessary technology, such as a computer, laptop and smart phone that meets the minimum specifications of the NWU. Access to a computer with Windows 10 or higher, as well as an Internet connection of at least 2Mbps, is required for the BSc in IT degree.

Career Possibilities:
SA and Internationally

There are numerous career possibilities for an IT graduate in South Africa and abroad, such as Programmer, Software Engineer, Application Developer, Systems Administrator, Systems Analyst and Designer, Business Analyst, Database Administrator and Designer, Project Leader, Entrepreneur, Business Intelligence Developer, Information Technology Manager, and Researcher. Special opportunities exist in fields, such as data science, information security and quality, mobile and web application development, computer networks, supply chain, operations and logistics management.

Programme Specifications for BSc degree in Information Technology

Programme of study	Duration	Programme outcomes	Admission requirements	Fees
BSc degree in Information Technology	The minimum study period for this qualification is three years of study and a maximum of six years.	Design, development and delivery of computerised systems;contribute to management of information and information sources; develop IT-related solutions; lifelong learning and entrepreneurship.	National Senior Certificate with university exemption for degree studies APS Score of 26 Mathematics level 4 (50-59%)	Study fees are based on the amount of modules a student has. Students pay per module instead of the course as a whole.

Programme Layout

First Year	Second Year	Third Year
	First Semester	
Introduction to Computing and Programming	Object Oriented Programming	Databases
Basic Mathematical Techniques	Apps and Advanced User Interface Programming	Decision Support Systems I
Descriptive Statistics	Systems Analysis and Design I	Artificial Intelligence
Financial Accounting I	Communication Skills	Computer Networks
Introduction to Business Management	Information Security	
Academic Literacy Development	Understanding the natural world	
	Second Semester	
Structured Programming	Data Structures and Algorithms	Advanced Databases
Introductory Statistical Inference	Data Analytics	Decision Support Systems II
Financial Accounting II	Systems Analysis and Design II	IT Developments
Academic Literacy Development	Discrete Mathematics	Operating Systems
	Problem Solving for Managers	
	Science and Society	

Calculating the APS score

Your percentage obtained in six subjects are used to calculate the APS score. Four subjects come from the designated subject list of subjects for university admission. The APS score obtained for Life Orientation is not taken into account in calculating the APS score.

NSC Level	APS score
8 - (90-100%)	8
7 - (80-89%)	7
6 - (70-79%)	6
5 - (60-69%)	5
4 - (50-59%)	4
3 - (40-49%)	3
2 - (30-39%)	2
1 - (0-29%)	1

Cost and Financial Assistance

All fees are annually adapted. Study fees are based on modules and students pay per module and not for the course as a whole.

Contact pc-studyfees@nwu.ac.za to obtain a quotation.

Contact Information

018 285 5900

DistancePotch@nwu.ac.za

www.distance.nwu.ac.za

NWU-North-West University

@theNWU

NWU-North-West University

@thenwu