Faculty of Economic and Management Sciences
Fakulteit Ekonomiese en Bestuurswetenskappe
Lefapha la Disaense tša Ekonomi le Taolo

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

**BCom (Informatics)
Focus area:
Information Systems**

Make today matter

What does the programme entail?

Students enrolled for the BCom (Informatics) Focus area: Information Systems degree study the application and use of the computer and information systems in an organisation.

The broad background in economic and management sciences gained through this programme is combined with information technology (IT) to teach students how to design and implement systems for storing and manipulating data in such a way that people can understand, use, interpret and make decisions based on that information.

Structure of the programme

Core modules (compulsory)

Note: All first-year students take the compulsory fundamental modules on academic information management and academic literacy for IT.

1st year	2nd year	Final year
▪ Informatics ▪ Financial accounting ▪ Economics ▪ Business management ▪ Statistics ▪ Informatics (accounting software)	▪ Informatics ▪ Mathematical statistics ▪ Business law ▪ Community-based project	▪ Informatics

Elective modules

1st year	2nd year	Final year
▪ Marketing management	▪ Marketing management ▪ Business management ▪ Internal auditing ▪ Statistics ▪ Business accounting ▪ Taxation	▪ Marketing management ▪ Business management ▪ Internal auditing ▪ Statistics ▪ Business accounting ▪ Taxation

Who are the ideal candidates?

Characteristics of students who excel in this programme are:
▪ Problem solvers with analytical minds
▪ Creative thinkers
▪ Good communicators
▪ Good at working in a team
▪ Good at working with people
▪ Able to deal with ambiguity

What makes this programme unique?

▪ The BCom (Informatics) programme at UP is the only degree in South Africa that is internationally accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET) of the USA.
▪ Developments in IT enhance the business environment by enabling companies to do more in less time and provide management information faster and more accurately.
▪ IT is the gateway to the international business world and makes it possible to complete business transactions within seconds.
▪ It is jointly presented with the Faculty of Engineering, Built Environment and Information Technology.

Which companies employ our graduates?

Our graduates are employed in all commercial sectors, including:
▪ Finance and insurance
▪ Telecommunication
▪ Mining
▪ Software development
▪ Consulting organisations
▪ Education
▪ Retail

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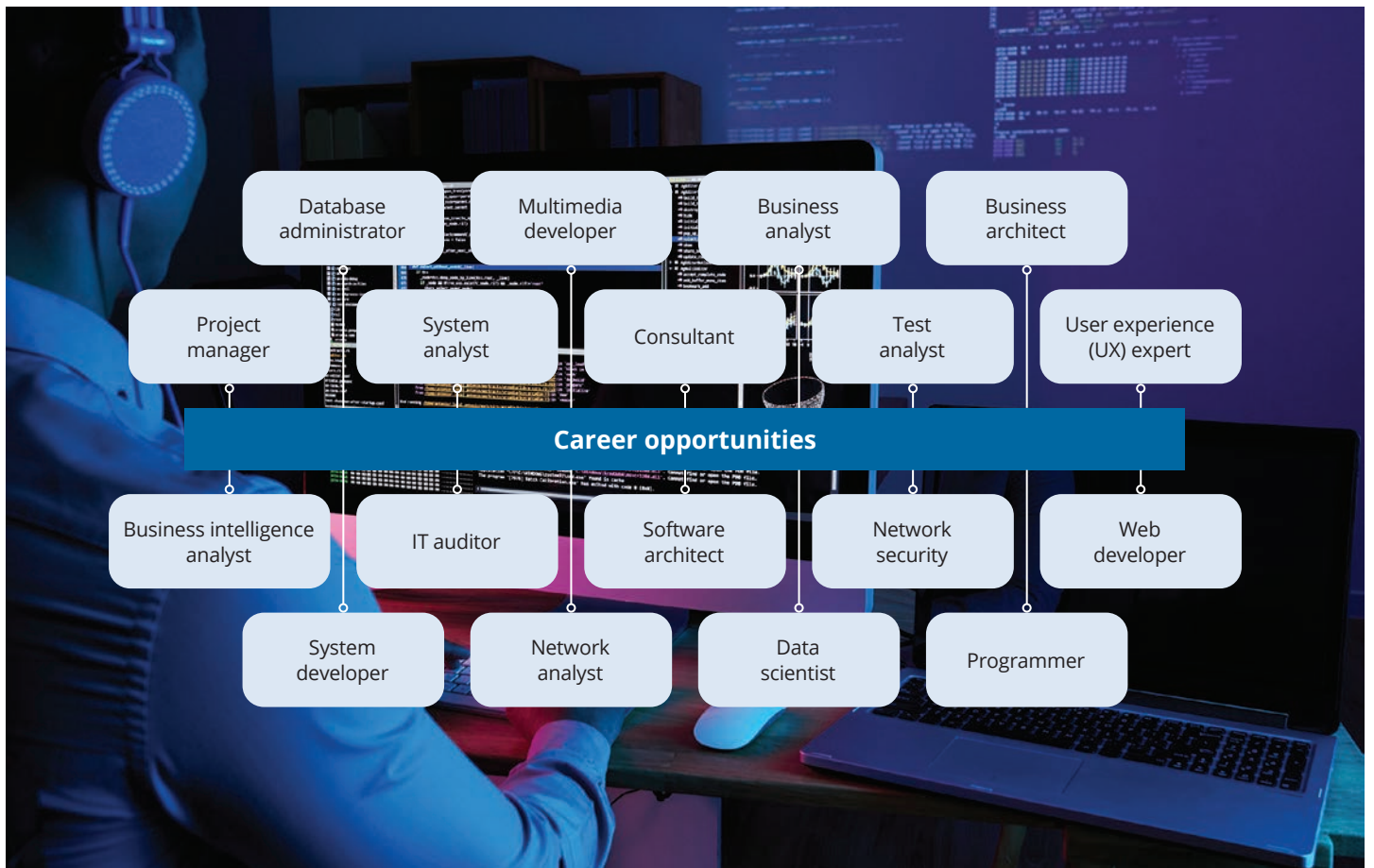UNIVERSITY OF PRETORIA
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Make today matter

'Studying the BCom (Informatics) Focus area: Information Systems degree has helped me to understand the application and use of computers in the workplace. I have learnt to do programming and my elective, Internal auditing, has also added value to my degree.

I have been challenged by the various programming languages that we learn, but I was prepared for the challenge and am coping well. With the world moving towards the Fourth Industrial Revolution, I am confident in my choice as I will be well equipped for the direction in which the world is headed.'

Refilwe Jelele – BCom (Informatics) Focus area: Information Systems

Career opportunities

- Database administrator
- Multimedia developer
- Business analyst
- Business architect
- Project manager
- System analyst
- Consultant
- Test analyst
- User experience (UX) expert
- Business intelligence analyst
- IT auditor
- Software architect
- Network security
- Web developer
- System developer
- Network analyst
- Data scientist
- Programmer

Minimum admission requirements

Programmes	Minimum requirements for NSC/IEB for 2024		
	Achievement level		**APS**
	English Home Language or English First Additional Language	**Mathematics**	
BCom (Informatics) Focus area: Information Systems [3 years]	5	5	30

Careers: Managers in the information technology environment, computer software or hardware support services, computer Systems analysts, financial information systems analysts, business analysts, information facilitators, IT training officers, systems developers, business systems analysts

Note: Accounting at school is not a subject requirement for any of the BCom and BAdmin programmes.

Contact information | **Website** www.up.ac.za/informatics