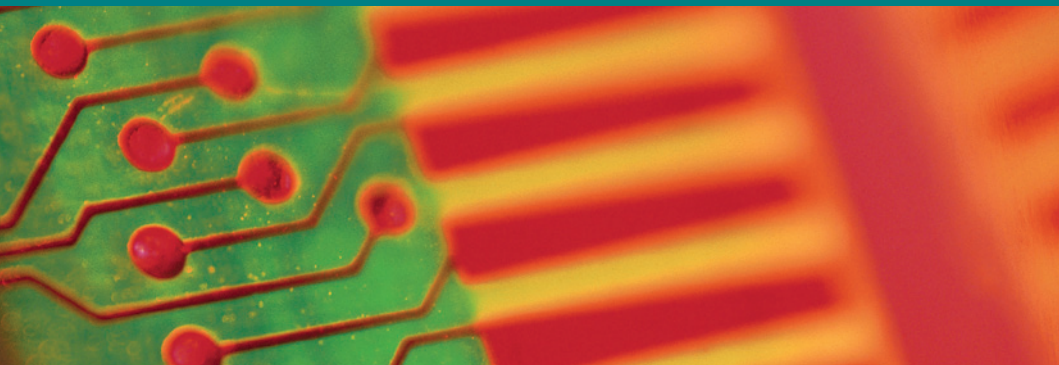


Faculty of Engineering, Built Environment and Information Technology

School of Information Technology



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Engineering, Built Environment and
Information Technology

School of Information Technology Degrees Offered

Computer Science

- BSc (Computer Science)
- BSc Information Technology (Information and Knowledge Systems)

cs.up.ac.za

Programming, software development, data management, application environments, software engineering

Informatics

- BCom (Informatics)

informatics.up.ac.za

Information system analysis and design, database design and implementation programming

SIT

- B Information Technology

sit.up.ac.za

A combination from the three departments

Information Science

- B IS with specialisation in:
 - Multimedia
 - Information Science
 - Publishing

is.up.ac.za

Knowledge management, information retrieval and organization, publishing of printed media, multimedia programming



Department of Computer Science

- BSc (Computer Science)
- BSc Information Technology (Information and knowledge systems)

BSc (Computer Science) is the ideal degree for students who are curious about how computers work, enjoy building things in a careful and systematic fashion, have a logical mind, are good at reasoning in a step-by-step way, find it fun to design things that others can use, are able to pay attention to detail, recognise good style when they see it, and keep working at a task until they succeed. The degree provides breadth and depth in computing skills, equips students with problem-solving abilities, gives them a foundation for continued learning in an IT career and instills in them a value for producing high-quality software.

The BSc Information Technology (Information and knowledge systems) degree offers the unique combination of computer science with application environments such as applied mathematics, biology, geography, enterprises, law, music, operational research, philosophy, psychology and software development. This equips students with a diverse knowledge of state-of-the-art technology, creating excellent job opportunities over a range of programming languages, environments and disciplines. Through the practical application of computer science principles, students receive hands-on experience in skills that are in high demand in industry.

The future of
information
and
technology
is in your
hands!

Become part of the ranks of a growing industry, with a high global demand for IT graduates. Join us at the School of Information Technology.

Department of Information Science

- B IS (Information Science)
- B IS (Multimedia)
- B IS (Publishing)

The information explosion together with the development in technology has led to the convergence of traditional communication media and turned the Information Era into a web of integrated communication connections. This integration of paper publications, broadcast media and the web has given rise to a whole new generation of opportunities and careers and necessitates the training of information intermediaries and content producers.

You can become part of this highly competitive and futuristic environment by enrolling for one of our exciting degrees. Become an information specialist, knowledge manager, multimedia developer or publisher.

B IS (Information Science) - Develop skills in the management of the most important resource of an enterprise – information and knowledge.

B IS (Multimedia) - IT solutions require both creativity and logical thinking. Multimedia consolidates technology, art and design.

B IS (Publishing) - We train a new generation of publishers who create information products to fulfil the leisure, learning and instructional needs of readers both locally and internationally.

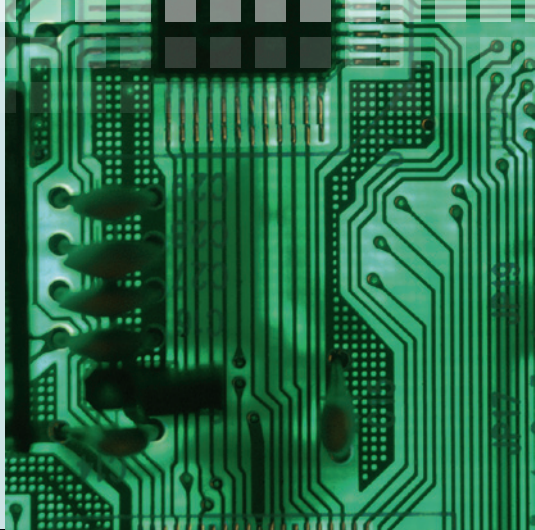
You can make it happen!

Department of Informatics

• BCom (Informatics)

Informatics is a subject area that combines business and technical knowledge, and is focused on the development and support for a company's information systems. Through a combination of problem solving techniques and the understanding of people, processes and technologies, students are equipped to ensure an organisation's information system requirements are met to improve business operations.

The BCom Informatics degree opens up opportunities for individuals to function at all levels in an organisation. BCom Informatics is the only informatics degree in South Africa that is internationally accredited by the Accreditation Board for Engineering and Technology (ABET) of the USA.



Bachelors degree in Information Technology

• B IT (Information Technology)

The unique B.IT degree is the "Rolls Royce" of SIT, in which components of all three departments are combined. Career opportunities are in the fields of information and knowledge management, project management and collaborative software development. Many B.IT students move into the management of advanced software and systems development projects. B.IT is the smart drive to the future.

It is a matter of
vision and focus

Information Technologies

Computer
Programmer

System Developer

Multimedia Developer

Database Administrator

Network Architect

Software Analyst

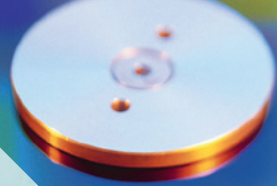
Systems Analyst

Business Analyst

Information Specialist

Information Manager

Publisher





Student Resources

Available to all UP Students

- Online student support (used by over 30,000 students on UP Campus)
- Academic Information Service
- World-class lecturers
- Information Technology Laboratories
- Open Lab



Available primarily to SIT students

- Informatorium (computer access)
- Post-graduate and speciality computer laboratories
- Tutorial and project computer labs



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