

# Faculty of Engineering, Built Environment & Information Technology

Department of Information Science  
Masters in Information Technology (M.IT degree)



**UNIVERSITEIT VAN PRETORIA**  
**UNIVERSITY OF PRETORIA**  
**YUNIBESITHI YA PRETORIA**

Faculty of Engineering, Built Environment and  
Information Technology

[www.up.ac.za](http://www.up.ac.za)



The Department of Information Science at the University of Pretoria, with funding from the Carnegie Corporation of New York, offers a fully funded specialised two year coursework degree at Masters level in Information Technology (M.IT degree) as from January 2011.

### **Aim of the programme:**

- To empower the next generation of **library and information professionals** within sub-Saharan African countries with knowledge and skills to apply modern information and communication technologies (ICTs).
- To build capacity amongst middle managers involved in managing ICT or working in ICT-intensive environments in **academic libraries** and faculty members at **Library and Information Science schools** to support the next generation of academics and researchers in Africa.

## What do we offer?

The programme will consist of coursework as well as a mini-dissertation based on applied research related to the individual's own institution, each component carrying 50% of the credits of the programme.

The following are compulsory coursework modules:

- IT Systems in libraries
- Web 2.0 in the library
- Digital repositories
- Knowledge Management
- Facilitating information retrieval and information use
- Network technologies
- The Knowledge Society and international librarianship
- Computing in perspective
- Organisational behaviour and leadership
- Strategic ICT Management
- ICT Project Management
- IT Financial Management

## How will the programme be offered?

- Face-to-face lectures

Lectures will take place in block periods, consisting of visits over four semesters.

These visits will include two block visits to the University of Pretoria, South Africa, one block visit to another leading institution in Africa and

one block visit to a leading institution in the United States of America.

- Technology-mediated distance education  
This will consist of real-time video- and / or audio-conferencing from the University of Pretoria and partner institutions, podcasts that can be downloaded, interaction via the University of Pretoria Learning Management System, etc. Reliable Internet access is therefore a prerequisite.

## Who will be your lecturers?

Lecturers for the programme will be from the School of Information Technology at the University of Pretoria, as well as from selected Carnegie partner institutions in South Africa, sub-Saharan Africa, the United States of America and guest lecturers from industry.

## What are the selection criteria?

Selection of candidates for this **fully funded programme** will be highly competitive and will be based *inter alia* on the following criteria:

- Current qualifications – at least an Honours degree in Library and Information Science / a four year degree in Library and Information Science / a Masters degree in Library and Information Science or equivalent degree from a reputable University;
- Past academic performance;
- Proficiency in English;

- Work experience, current job description and responsibilities;
- A recommendation letter from the current employer / line manager; and
- A commitment from the current employer that they will make time available for the employee to devote to his / her studies, including the visits to the University of Pretoria / abroad every semester.

In addition, prospective students will be required to write an essay explaining why they would like to participate in the programme, what they hope to learn from the programme, why they should be selected for the programme and what they hope to contribute to the programme.

### **Who will be considered?**

- The programme is aimed at information professionals working in libraries at tertiary academic institutions or in Library and Information Science schools.
- Candidates must be involved in ICT management, working in ICT-intensive environments or teaching ICT related courses at tertiary level.
- Preference will be given to applications from Carnegie partner institutions in sub-Saharan Africa.
- Only students from Anglophone sub-Saharan African countries will be considered for selection purposes.

## Important dates:

The first intake of 20 candidates will be January 2011.

Closing date for online application will be 30 October 2010.

The online application procedures and requirements will be available on the School of Information Technology's website at <http://sit.up.ac.za>. The website will also provide more details of the programme content, lecturing methodologies and time tables.

## Contact details:

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