Overview

- **Background to and rationale for the programme**
- **Description of the programme**
  - **Content outline**
- **Teaching methodologies**
  - **Blended learning**
    - **Face-to-face**
    - **Distance / technology-mediated**
  - **Theory and practicals**
    - **Learning by doing**
- **Conclusion**

M.IT

- **Two-year Masters programme**
- **Grant from the Carnegie Corporation of New York**
- **Fully funded**
  - **Tuition fees, study materials**
  - **Travel, accommodation and meals**
  - **(Not visa, medical and incidental expenses)**
- **Three intakes of 20 each**
  - **Applications for 2012 open in August 2011**
- **Details at http://sit.up.ac.za, M.IT Stream B (Carnegie)**

Aim

- "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."

(http://web.up.ac.za/default.asp?ipkCategoryID=14080&sub=1&parentid=1066&subid=1089&ipklookid=7)

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Background and rationale

- **(L)IS programmes**
  - **Literature and websites review**
    - IT embedded in modules
    - Usually at fairly introductory level at undergraduate
    - Lack of in-depth theory and practical skills
- **Developments in IT**
  - **A few examples**
  - **Implications for end-users**
  - **Implications for librarians**
  - **Changing role of librarians**

Trends in IT development

- **Connectivity – broadband, SANReN**
- **Mobile computing – smart phones, tablets**
- **Web 2.0 and social networking**
- **Web 3.0 and the Web of data**
- **Ease of use / usability**
- **Integration of services**
- **Cloud computing and storage**
- **Ubiquitous / pervasive computing**
- **Copyright and Open Access**

The impact on end-user computing

- **End-users are much more computer and information literate than a few years ago**
  - Only perceived levels of skills?
- **End-users are using advanced technologies on a daily basis**
  - Work tasks
  - Daily life, e.g. e-banking, e-business
  - Socialising, e.g. social networking
  - Leisure , e.g. holiday planning
- **95% of researchers prefer to search for information themselves (Mouton et al. 2011)**

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Non-traditional (L)IS service providers

- **Publishers marketing directly to the public**
- **News papers and magazines**
- **Online reference works**
- **Open Access**
  - **Online communities**
  - **OA journals**
  - **Project Gutenberg**
- **Google**
  - **Google Scholar**
  - **Google Books**
- **Amazon**
  - **E-books**

The changing role / skill sets of (L)IS professionals

- **(L)IS professionals should understand**
  - **New information technologies**
    - **What they can AND can't do**
    - **Trends – what they will be able to do in future**
  - **Legal and social implications of new ITs**
  - **Changing profiles of users**
    - **Expanding skill sets of users**
  - **User expectations**
- **Define the added value they can deliver**
- **Take responsibility for their own life-long learning**

The changing role / skill sets of (L)IS professionals (2)

- **Digital librarians**
- **Copyright and legal matters experts**
- **Extensive high-level information literacy skills**
- **Training specialists**
- **"Embedded librarians" in research projects**
- **Etc.**
- **Skill sets aimed at delivering essential, added value services to users**

The changing role of libraries

- **Libraries should**
  - **Utilise the new information technologies**
    - **Don't only think about it**
  - **Embrace the challenges offered by new ITs**
    - **Be brave and experiment**
  - **Be proactive in implementing new ITs for non-traditional LIS functions**
  - **Be proactive in e-education programmes**

Description of the programme

- **Modules (50%)**
  - **IT Systems in libraries**
  - **Web 2.0 in the library**
  - **Digital repositories**
  - **Knowledge Management**
  - **Facilitating information retrieval and information use**
  - **The Knowledge Society and international librarianship**
  - **Network technologies**
  - **Organisational behaviour and leadership**
  - **Computing in perspective**
  - **Strategic ICT Management**
  - **ICT Project Management**
  - **IT Financial Management**
  - **Research methodology**
- **Mini-dissertation (50%)**

Blended learning

- **Face-to-face**

- **Distance / technology-mediated**

Face-to-face

- **4 block periods**
  - **Pretoria, USA, Makerere, Pretoria**
- **Hi-tech teaching environment**
  - **Wireless internet and wired connections**
  - **Video-conferencing facilities**
    - **Recording**
  - **Smart board**
  - **Plasma screens, printer, etc.**

Distance – technology-mediated

- **Two-weekly sessions for the full morning**
- **Mediated through Elluminate**
  - **One-way audio**
  - **Chat**
  - **Bandwidth problems**
- **Recorded and can be downloaded**

General technologies

- **Elluminate – integrated teaching platform**
- **ClickUP – UP Learning Management System**
- **E-mail and listservers**
- **UPLS e-resources**
- **Turnitin – plagiarism prevention**
- **Blogs and wiki's (Alfresco)**
- **Other Web 2.0 tools**
  - **GoogleDocs, etc.**
- **Social networking**
  - **Facebook, Twitter, Linkedin, etc.**

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Build   Teach   **Student View**

programme_portal_mit_b - **programme_portal_mit_b_2011**

Course Tools

Your location: **Home Page**

Course Content
- Research Ethics
- Information Booklet 2011
- Orientation PowerPoints
- Modules 2011
- Class Attendance Etiquett...
- Provisional Pretoria Time...
- What is plagiarism
- 2010 Plagiarism Preventio...

Announcements

Discussions

Web Links

Who's Online

My Tools

My Grades

My Progress

Welcome to

MIT
Masters in Information Technology

School of Information Technology

MIT 2011: Masters in Information Technology Carnegie

Research Ethics Faculty Committee for Research Ethics & Integrity

Information Booklet 2011

Orientation PowerPoints

Modules 2011

Class Attendance Etiquette

Provisional Pretoria Timetable

What is plagiarism

2010 Plagiarism Prevention Policy

| MIT Web Page | Plagiarism | UP Library |

Accessibility | Help

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Build | Teach | **Student View**

programme_portal_mit_b - **programme_portal_mit_b_2011**

Course Tools

Course Content

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Your location: Home Page ﹥ Modules 2011 ﹥ **MIT 872 - Knowledge Management**

Welcome MIT 872 / Lecturer details

Study guide MIT 872

Class Notes MIT 872

Sources MIT 872

Assignments MIT 872

| Install Java | Copyright | Plagiarism | SOS |

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Build | Teach | **Student View**

programme_portal_mit_b - programme_portal_mit_b_2011

Table of Contents for
Orientation PowerPoints

Your location: Home Page > Orientation PowerPoints > **Student_Handout_SOSclickUP_2011**

Select | 102% | Sign

Pages

Attachments

Comments

Step 4:

This page is the equivalent of the campus where you are surrounded by offices, shops, classrooms and libraries.

On this page you have access to a lot of information, such as student email, study financing, your clickUP modules, etc.

UP Portal

Library

UP e-mail

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UP Student Portal

Add / remove portlets | Customize portlets

E-payments

Faculty Support ▾ | E-mail and Student Help ▾ | Academic Support ▾ | Student Support ▾ | Finances ▾ | Social ▾ | Student Life ▾ | Admin / other links ▾

Announcements

□ 👤 SMS messages
View recent University of Pretoria SMS messages sent to you or ver of previous messages.

View received SMS messages

□ 📶 General Announcements

Safety Tips Regarding Theft of Cellpones
11/01/2...
Due to ...
your at...

Here you will find your academic record amongst other things

Student...
23/12/2...
The yea...
are alre...
impleme...

Registration Schedule 2011
14/12/2010
Registra...

Systems...
30/11/201...
The Unive...

Summer...
25/11/201...
Click on th...

Most important is that you can access your clickUP courses from here!

□ 👤 Student Centre (SOS)
This suite facilitates the management of student and academic proc... recruitment, applications, student records, financial aid, student fin... raising, residences, etc. However only a small subset of this functio...

Student Centre (SOS)

Online Registration

Apply for Study Finance in 2011

□ 👤 ClickUP

Course	Term	Status
CJE 990	J1 / 2010	ENROLLED

Programme Portal	Term	

Click **on the** module code **to enter your e-classroom.**

This is what your clickUP module could look like:

Favorites | Blackboard Learning System | Page ▾ Safety ▾ Tools ▾ ⊕ ▾

3 of 10

Local intranet | Protected Mode: Off | 🔍 100% ▾

Elluminate Live! - M.IT

File Session View Tools Window Help

Participants

Participants							
Etienne Bos...							
Pretoria Un...							
Prof Theo B...							
caroline 1							
Dr Marlene H...							
Erin Hommes							
Francis Ssekitto							
Janice De Wee							
Jonah Adah							
Julna Ndor							

Chat

Show All

but it is assumed that your internet connectivity is of such a quality that you are able to participate

Francis Ssekitto: Okay

Ujala Satgoor 1: I can't hear you

Moderator (Dr Martie van

Send to This Room

Audio - Prof Theo Bothma 1

Whiteboard - Main Room (Scaled 94%)

e-Campus enables you to access

√ Follow Moderator

e-Campus enables you to access

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UP Portal login

UP Portal

Welkom by UP Portaal
Welcome to UP Portal

News

Breakthrough for Gauteng's cancer kids
05/01/2011
Young cancer patients get a high-tech public sector isolation room at Steve Biko Academic Hospital. This is probably Gauteng's first ever public facility of this nature.

Wolfaardt, Steyn champs again!
10/12/2010
Potchefstroom's Erhard Wolfaardt and Andrea Steyn of Pretoria won the final leg of the 2010 BSG Energade Triathlon Series at Big Bay, Bloubergstrand in Cape Town on Sunday, December 5, to once again be ...

Long service awards for Natural and Agricultural Sciences
09/12/2010
A total of 200 years... This is the amount of years that five staff members have worked altogether at the University.

Appointment of Prof Eric Buch as Dean of the Faculty of Health Sciences
08/12/2010
It gives me pleasure to inform you that Prof Eric Buch has been appointed as Dean of the Faculty of Health Sciences with effect from 1 January 2011.

Prof Carolina Koornhof appointed as

Login
Username
Password

Login

Portal Help

Supported browsers:

● These sites function with Internet Explorer (IE) ver 7.x or IE ver 8.x - both of which are supported by ITS & the UP IT HelpDesk.
(Note that IE ver 6.x and earlier versions are not suitable as they do not function correctly with all of the referenced applications. If you are on an IE 6.x or an earlier IE version you will need to upgrade.)

How do I upgrade to a later IE version?

Unsupported browsers:

● Firefox 3.0 - 3.5 and Safari 4.x will display the UP Portal but are not supported by ITS.

Quick links
● University of Pretoria home
● Library Services

Announcements

Student Admin: New technological developments
23/12/2010
The year 2011 is ushered in by many new technological developments. We hope that you are already aware that the University of Pretoria developed, and during 2010 partially implemented, a new Student A ....

Registration Schedule 2011
14/12/2010
Registration Schedule 2011 for First years and Seniors and Postgraduate.

Systems renewal project
20/11/2010
The University of Pretoria is currently implementing new institutional computer systems.

Slide1 1:06:38 In session for 2 hours, 53 minutes.

Participants

Participants						
Larshan Naicker 1	B					
Lynn Kleinveldt 2	A					
Miriam Linda Aker...	A					
Monica Naluwooza						
Ngwako Reuben ...	A					
Philliam Adoma 1						
Suzanne Saunders	A					
Thanyani Mpeiwa	A					
Ujala Satgoor 1						
Yohannes Mulug...						

Chat

Show All

be the MC at the party

Ngwako Reuben Machete 1: melancholy
the venue is safe and there are gate
controllers. guaranteed we have tight
security, first aiders and doctors on call

Send   to This Room

Audio - Multiple Talkers

Ctrl+F2

Whiteboard - Main Room (Scaled 94%)

Public Screen 6   ☑ Follow Moderator

Phlegmatic   **Choleric**

Start time, end time, compulsory   Chance to rub shoulders with manager

                                    Get a chance to steer the boat

Safe, reliable romantic sun-set   Everyone will be there
cruise   Join US for a trip join the FUN meet e
                                     Meet everyone

Melancholy   **Sanguine**

Theory and practicals

- **Theory**
  - **Proper theoretical foundations**
- **Practicals**
  - **Embedded in the theory**
  - **Used for teaching, assignments, communication, collaboration, etc.**
  - **Learning by doing**
  - **No "press this button" instructions**
  - **Experiment and figure out how it works**

Role of the M.IT in e-learning

- **Participants study through e-learning**
  - **Hands-on experience of all aspects**
  - **Embedded in theory and practice**
- **Define own role through experience**
  - **Define added value services**
  - **Provide high-level technology support**
  - **Innovation – situational / contextual**

Conclusion

- **Graduates should understand**
  - **What ICTs can and cannot do and what ICT trends are**
  - **How to manage, use and implement ICTs innovatively, effectively and efficiently**
  - **How his/her local situation fits into the "bigger picture" of librarianship in the globalised context**
  - **How to take responsibility for their own life-long learning**
  - **How to deliver indispensable services to end-users**
  - **How to make a meaningful contribution to e-learning programmes through these skills and knowledge**

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Thank you!

Questions comments?

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