

## Fee Structure

### MSc AC/MSc CI/MSc DCT/ MSc ITM

Fee Item	Units	Cost/Unit	Total
Tuition	10	24,000	240,000
Computer	2	5,000	10,000
SCI Lab	2	24,000	48,000
Library	2	6,000	12,000
Caution Money			5,000
Examination	2	5,000	10,000
Medical	2	5,000	10,000
Activity	2	2,000	4,000
Registration	2	2,000	4,000
Identity Card	2	500	1,000
Project Supervision			96,000
<b>Total</b>			<b>440,000</b>

- The fee is payable in four installments as per semester schedule
- Tuition fee is dependent on the number of units taken each semester
- Administrative fees (non-tuition) are payable per year i.e. Sem 1 and Sem 4
- Project Supervision is payable before start of project
- Caution Money is payable once and is refundable upon clearance

### Application Procedure

- Deposit a non-refundable application fee of KShs.3,000 into
  - ✚ Bank: Barclays Bank
  - ✚ Branch: Westlands (payment can be done at any Branch of BBK)
  - ✚ Account No.: 073-1023948
  - ✚ Account: UNES Application Fee
- Obtain and complete an application form from BPS, Main Campus. Form may also be downloaded from the University Website [http://www.uonbi.ac.ke/sites/default/files/main\\_uon/Post%20Graduate%20Application%20form%202012.pdf](http://www.uonbi.ac.ke/sites/default/files/main_uon/Post%20Graduate%20Application%20form%202012.pdf)
- Submit the completed application form together with copies of certificates, transcripts, CV, and application fees the office of Director, School of Computing and Informatics, Chiromo Campus

**Venue:** SCI Chiromo Campus

**Duration:** 2 Years

**Mode of Study:** Evenings - Mondays to Fridays  
5.30pm – 8.30pm

### Enquiries...

**Director**  
**School of Computing & Informatics**  
**University of Nairobi**  
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## School of Computing and Informatics

**MSc Applied Computing**  
**(an ICT4D Programme)**

**MSc Computational Intelligence**

**MSc Distributed Computing**  
**Technology**

**MSc Information Technology**  
**Management**

**Starting May 2013**

## Objectives

### MSc AC

- Enable students with computing background to innovatively apply technologies to solve societal problems at a higher level of specialization.
- Demonstrate the value of state-of-the-art development in one area of specialization.
- Enable learners to effectively link research, innovation, entrepreneurship and practical application.

### MSc CI

- Create new opportunities for postgraduate research in Computational Intelligence.
- Contribute to the production of computer science professionals with knowledge and skills in the theory and application of systems that perceive, reason, learn and act intelligently in solving real-world problems.
- Cultivate an active and relevant computational intelligence (IT) research and development community.
- Collaborate with industry to develop intelligent products and services that address needs in key economic sectors.
- Produce high quality research and products that can compete effectively at the global level

### MSc DCT

- Produce distributed systems engineers and technologist to plan, design, build, manage corporate computing systems, ISP and TSP networks and services.
- Produce researchers in the area of distributed computing technology who can explore and innovate new techniques for solving real world problems.

### MSc ITM

- Provide an opportunity to graduates with a strong IT background to enhance their IT knowledge and management skills
- Provide learners with skills necessary to implement ICT based solutions in organizations
- Equip learners with skills necessary to manage the ICT function in organizations
- Inculcate interdisciplinary approach, work team orientation and professionalism among the learners
- Serve national and regional development needs with respect to staff development.

## Admission Requirements

### MSc AC

- BSc IT/CS of at least Upper Second
- BSc IT/CS Lower Second with 2 years' experience
- BSc IT/CS Pass with 5 years' experience
- Postgraduate Diploma in CS or IS of at least Credit

### MSc CI

- BSc CS of at least Upper Second
- BSc CS Engineering, Mathematics or Statistics of at least Upper Second
- BSc CS Lower Second with 2 years' experience
- BSc Engineering, Mathematics or Statistics Lower Second with 2 years' experience

### MSc DCT

- BSc CS/Engineering/Maths/Physics of at least Upper Second
- BSc CS/Engineering/Maths/Physics Lower Second with 2 years' experience
- BSc CS/Engineering/Maths/Physics Pass with 5 years' experience

### MSc ITM

- BSc IT/CS of at least Upper Second
- BSc IT/CS Lower Second with 2 years' experience
- Postgraduate Diploma in CS or IS at least Credit

***Applicants for ALL programmes shall be required to pass an entrance examination***

## Course Structure

### Common Courses for ALL Programmes

Code	Title
CCC501	Research Methodology
CCC502	ICT Project Management
CCC503	Product Design and Entrepreneurship

### MSc AC Domain Courses

CCA501	ICT for Development
CCA502	Adv Problem Solving Skills and Programming
CCA503	Usability and User Experience
CCA504	Innovation Studies

### MSc AC Electives

CCA505	ICT in Education
CCA506	Health Informatics
CCA507	Bioinformatics
CCA508	Agri-Informatics
CCA509	ICT in Financial Services
CCA510	E-Governance
CCA511	ICT in Environmental Management

### MSc CI Domain Courses

CCI501	Machine Learning
CCI502	Knowledge Representation & Reasoning
CCI503	Intelligent Systems Programming
CCI504	Intelligent Systems Modelling

### MSc CI Electives

CCI505	Embedded Intelligent Systems
CCI506	Multi-agent Systems
CCI507	Analytics and Business Intelligence
CCI508	Language Technology
CCI509	Image and Vision Systems

### MSc DCT Domain Courses

CDT501	Communication Networks Technologies
CDT502	Distributed Computing Architectures
CDT503	Computing Systems Security
CDT504	Distributed Computing Services

### MSc DCT Electives

CDT505	Performance Analysis and Sys Optimization
CDT506	Real Time and Embedded Systems
CDT507	Computer Forensics and Cyber Security
CDT508	Distributed Software Dev and Integration

### MSc ITM Domain Courses

CIT501	Principles and Practice of Management
CIT502	Financial Management
CIT503	ICT Strategic Management
CIT504	ICT Procurement Practice

### MSc ITM Specialization Courses

CIT505	Electronic Commerce
CIT506	Cloud Computing and IT outsourcing
CIT507	Information Systems Security and Audit

### MSc Project