

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
Total			440,000

- 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
- 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

P.O. Box 30197, 00100

Nairobi

Tel: 4447870, 4444919, 4446544

Email: director-sci@uonbi.ac.ke

Website: sci.uonbi.ac.ke



School of Computing and Informatics

MSc Applied Computing

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
CCC701	Research Methodology
CCC702	ICT Project Management
CCC703	Product Design and Entrepreneurship

MSc AC Domain Courses

CAC701	ICT for Development
CAC702	Adv Problem Solving Skills and Programming
CAC703	Usability and User Experience
CAC704	Innovation Studies

MSc AC Electives

CAC705	ICT in Education
CAC706	Health Informatics
CAC707	Bioinformatics
CAC708	Agri-Informatics
CAC709	ICT in Financial Services
CAC710	E-Governance
CAC711	ICT in Environmental Management

MSc CI Domain Courses

CCI701	Machine Learning
CCI702	Knowledge Representation & Reasoning
CCI703	Intelligent Systems Programming
CCI704	Intelligent Systems Modelling

MSc CI Electives

CCI705	Embedded Intelligent Systems
CCI706	Multi-agent Systems
CCI707	Analytics and Business Intelligence
CCI708	Language Technology
CCI709	Image and Vision Systems

MSc DCT Domain Courses

CDS701	Communication Networks Technologies
CDS702	Distributed Computing Architectures
CDS703	Computing Systems Security
CDS704	Distributed Computing Services

MSc DCT Electives

CDT705	Performance Analysis and Sys Optimization
CDT706	Real Time and Embedded Systems
CDT707	Computer Forensics and Cyber Security
CDS708	Distributed Software Dev and Integration

MSc ITM Domain Courses

CIT701	Principles and Practice of Management
CIT702	Financial Management
CIT703	ICT Strategic Management
CIT704	ICT Procurement Practice

MSc ITM Specialization Courses

CIT705	Electronic Commerce
CIT706	Cloud Computing and IT outsourcing
CIT707	Information Systems Security and Audit

MSc Project