



# MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

*University of Choice!*

**APPLY ONLINE TODAY**

## **POSTGRADUATE PROSPECTUS**



**REVISED FEBRUARY, 2020**



## School of Arts & Social Sciences (SASS)



**T**he School of Arts and Social Sciences (SASS) is a dynamic Division which has attracted many students. Offering subjects ranging from Journalism, Criminology & Social Work, Language & Literature Studies, Literature and Social Sciences Education, this division allows students to develop the Arts and Social Sciences skills.

Students undertaking these degrees will be well equipped to work in various organizations as well as public relations or communications related industries. Our students are also encouraged to study across campuses through the available exchange and transfer programs. Internships, study trips, workshops and Public Lectures by industry experts and renowned academics are also built into all programs.

### Departments:

1. Department of Language and Literature Education
2. Department of Criminology & Social Work
3. Department of Social Sciences Education
4. Department of Journalism & Mass Communication
5. Department of Geography

### Masters Programmes:

- Master of Arts in Comparative Literature
- Master of Arts in History
- Master of Arts in Religion
- Master of Arts in Criminology & Criminal Justice
- Master of Arts in Applied Linguistics
- Master of Arts in Geography
- Master of Science in Communication Studies
- Master of Arts in Social Work
- Master of Arts in Kiswahili
- Master of Education in Management of Education in Emergencies
- Master of Education in French
- Master of Education in Kiswahili
- Master of Education in Education Management and Policy Studies
- Master of Education in Economics and Planning (Education Planning Option)
- Master of Education in Economics and Planning (Economics of Education Planning Option)

**Minimum Requirements:** Relevant Bachelor Degree from a recognised University with 2<sup>nd</sup> Class Upper or 2<sup>nd</sup> Class Lower with two(2) years relevant experience.



### **Doctor of Philosophy Programmes:**

- Doctor of Philosophy in Religion
- Doctor of Philosophy in Kiswahili
- Doctor of Philosophy in Literature
- Doctor of Philosophy in Communication Studies
- Doctor of Philosophy in History
- Doctor of Philosophy in French Studies
- Doctor of Philosophy in Education Planning
- Doctor of Philosophy in Economic of Education
- Doctor of Philosophy in Educational Management and Policy Studies
- Doctor of Philosophy in Management of Education in Emergencies
- Doctor of Philosophy in English Language Education
- Doctor of Philosophy in Applied Linguistics

**Minimum Requirements:** Relevant Master Degree from a recognised University.

# School of Agriculture, Veterinary Science and Technology (SAVET)



## Quality Objectives:

To develop human resource with modern skills in Agriculture and related fields at Certificate, Diploma, Degree and Postgraduate levels.

To produce competent graduates in Agriculture, Agro-industry, Agribusiness Management and Entrepreneurship capable of competing locally and internationally.

To foster linkages with industries and other stakeholders for enhanced and sustainable livelihood.

## Departments:

1. Department of Agribusiness Management and Extension (ABE)
2. Department of Agro Industry Technology (AIT)
3. Department of Agriculture and Land Use Management (ALUM)

## Masters Programmes:

- Master of Science in Agricultural Education and Extension
- Master of Science in Agricultural Extension and Rural Development
- Master of Science in Genetics and Plant Breeding
- Master of Science in Animal Nutrition
- Master of Science in Agricultural Information and Communication Management
- Master of Science in Soils and Land Use Management
- Master of Science in Plant Health Management
- Master of Science in Animal Production

**Minimum Requirements:** Relevant Bachelor Degree from a recognised University with 2<sup>nd</sup> Class Upper or 2<sup>nd</sup> Class Lower with two(2) years relevant experience.

## Doctor of Philosophy Programmes:

- Doctor of Philosophy in Agricultural Education and Extension
- Doctor of Philosophy in Sustainable Agricultural Systems
- Doctor of Philosophy in Agricultural Extension and Rural Development
- Doctor of Philosophy in Horticulture

**Minimum Requirements:** Relevant Master Degree from a recognised University.



The School of Business and Economics (SOBE) seeks to produce graduates who are well grounded in the fields of Business Management and Economics to provide innovative leadership to public and private sector organizations.

Through our various market oriented and competitive programmes offered at Certificate, Diploma, Undergraduate and post graduate levels, the school equips the learners with relevant skills, competences, knowledge and mindsets that are necessary to cope with complexities.

### Departments:

1. Department of Business Administration and Management
2. Department of Accounting and Finance
3. Department of Economics

### Masters Programmes:

1. Master of Business Administration
2. Master of Science in Human Resource Management
3. Master of Science in Economics

#### Options:

- ◆ Strategic Management
- ◆ Entrepreneurship
- ◆ Finance
- ◆ Accounting
- ◆ Purchasing & Supply Chain Management
- ◆ Marketing

**Minimum Requirements:** Relevant Bachelor Degree from a recognised University with 2<sup>nd</sup> Class Upper or 2<sup>nd</sup> Class Lower with two(2) years relevant experience.

### Doctor of Philosophy Programmes:

- Doctor of Philosophy in Business Administration

#### Options:

- ◆ Strategic Management
- ◆ Entrepreneurship
- ◆ Finance
- ◆ Human Resource Management
- ◆ Marketing
- ◆ Purchasing & Supply Chain Management
- ◆ Accounting

**Minimum Requirements:** Relevant Master Degree from a recognised University.

# School of Computing & Informatics (SCI)



**T**he School of Computing and Informatics (SCI) offers in-depth content in Computer Science and Information Technology that spans a wide range of options, from theoretical and algorithmic foundations to cutting edge developments in ICT for development, green technologies, security, dynamic databases and other exciting areas. We are equal to the task and dedicated to producing quality products that can take on challenging programming jobs.

## Departments:

1. Department of Computer Science
2. Department of Information Technology

## Masters Programmes:

- Master of Science in Information Technology
- Master of Science in Computer Science

**Minimum Requirements:** Relevant Bachelor Degree from a recognised University with 2<sup>nd</sup> Class Upper or 2<sup>nd</sup> Class Lower with two(2) years relevant experience.

## Doctor of Philosophy Programmes:

- Doctor of Philosophy in Information Technology

**Minimum Requirements:** Relevant Master Degree from a recognised University.





**T**he School aspires to be a leader in the study and practice of education nationally and internationally through academic excellence in; teaching, learning and research. This will be achieved through training, which is intellectually stimulating, pedagogically sound and professionally engaging. Graduates will be passionate and committed to the continuous improvement of education as; leaders, contributors to education, social change agents, influencers of public policy, and improvement of community life.

## **Departments:**

### **Postgraduate Programmes**

- Postgraduate Diploma in Secondary Education

**Minimum requirements:** Bachelors Degree in Science or Arts

#### **1. Department of Educational Foundation (EDF)**

- Master of Education in Philosophy of Education
- Master of Education in Sociology of Education
- Master of Education in History of Education
- Master of Education in Comparative and International Education

#### **2. Department of Science and Mathematics Education**

- Master of Education in Mathematics
- Master of Education in Chemistry
- Master of Education in Biology
- Master of Education in Physics
- Master of Environmental Education
- Master of Education in English Language Education

#### **3. Department of Curriculum and Instructional Technology (CIT)**

- Master of Education in Curriculum and Instructional Technology

#### **4. Department of Education, Planning and Management (EPM)**

- Master of Education in Education Planning
- Master of Education in Economic of Education
- Master of Education in Educational Management and Policy Studies
- Master of Education in Management of Education in Emergencies

## 5. Department of Education Psychology (ED-PSY)

- Master of Education in Guidance and Counseling
- Master of Education in Education Psychology
- Master of Education in Early Years Education
- Master of Education in Special Needs Education

**Minimum Requirements:** Relevant Bachelor Degree from a recognised University with 2<sup>nd</sup> Class Upper or 2<sup>nd</sup> Class Lower with two(2) years relevant experience.

### Doctor of Philosophy Programmes:

- Doctor of Philosophy in Science Education
  - ◆ Mathematics Option
  - ◆ Chemistry Option
  - ◆ Physics Option
  - ◆ Biology Option
  - ◆ Environmental Education Option
- Doctor of Philosophy in Curriculum and Instruction
- Doctor of Philosophy in Planning and Management
- Doctor of Philosophy in Educational Management and Policy Studies
- Doctor of Philosophy in Economics of Education
- Doctor of Philosophy in Management of Education in Emergencies
- Doctor of Philosophy in Education Psychology
- Doctor of Philosophy in Comparative and International Education
- Doctor of Philosophy in History of Education
- Doctor of Philosophy in Philosophy of Education

**Minimum Requirements:** Relevant Master Degree from a recognised University.



# School of Disaster Management & Humanitarian Assistance (SDMHA)



## Departments:

1. Department of Emergency Management Studies
2. Disaster Preparedness and Engineering Management
3. Department of Peace and Conflict Studies
4. Department of Disaster Management and Sustainable Development

## Postgraduate Diploma Programmes

- Postgraduate Diploma in Disaster Management and Sustainable Development
- Postgraduate Diploma in Disaster Preparedness and Engineering Management
- Postgraduate Diploma in Peace Cohesion and Integration

## Masters Programmes:

- Master of Science in Disaster Management and Humanitarian Assistance
- Master of Science in Disaster Preparedness and Engineering Management
- Master of Science in Climate Change and Adaptation
- Master of Science in GIS and Remote Sensing
- Master of Science in Diplomacy and International Relations
- Master of Science in Peace and Conflict Studies
- Master of Science in Conflict Resolution and Management
- Master of Science in Disaster Management and Sustainable Development

**Minimum Requirements:** Relevant Bachelor Degree from a recognised University with 2<sup>nd</sup> Class Upper or 2<sup>nd</sup> Class Lower with two(2) years relevant experience.

## Doctor of Philosophy Programmes:

- Doctor of Philosophy in Disaster Management and Humanitarian Assistance
- Doctor of Philosophy in Diplomacy and International Relations
- Doctor of Philosophy in Peace and Conflict Studies
- Doctor of Philosophy in Disaster Management and Sustainable Development
- Doctor of Philosophy in Disaster Preparedness & Engineering Management

**Minimum Requirements:** Relevant Master Degree from a recognised University.

# School of Engineering and Built Environment (SEBE)



**T**he School of Engineering and Built Environment (SEBE) was established in July 2008. The School supports students in gaining an in-depth understanding of basic Engineering, broadening their perspectives and developing their creativity, humanity and practicality, so that they can become key players in the industrial circles and international arenas.

The Objective of the School is to produce Engineers who meets the expectations of the labour market. Therefore, the programmes offered are recognised by the regulatory and professional bodies.

## Departments:

1. Civil and structural Engineering
2. Mechanical and Industrial Engineering
3. Electrical and Communications Engineering

## Masters Programmes:

- Master of Science in Water Resources Engineering (M.Sc.WRE)
- Master of Science in Structural Engineering (M.SC. Struc.Eng)
- Master of Science in Mechanical Engineering
- Master of Science in Industrial Engineering and Management

**Minimum Requirements:** Relevant Bachelor Degree from a recognised University with 2<sup>nd</sup> Class Upper or 2<sup>nd</sup> Class Lower with two(2) years relevant experience.

## Doctor of Philosophy Programmes:

- Doctor of Philosophy in Mechanical Engineering
- Doctor of Philosophy in Civil Engineering

**Minimum Requirements:** Relevant Master Degree from a recognised University.



## School of Natural Sciences (SONAS)



**T**he School of Natural Sciences (SONAS) plays a pivotal role of ensuring that the University achieves its mandate as a University of Science and Technology. Its programmes are drawn and reviewed regularly to ensure relevance.

The School offers courses and academic programmes in Biology, Chemistry, Physics and Mathematics that prepare graduates for careers and further study in many related professions.

### Departments:

1. Department of Mathematics
2. Department of Pure & Applied Chemistry
3. Department of Biological Sciences
4. Department of Physics

### Masters Programmes:

- Master of Science in Applied Mathematics
- Master of Science in Pure Mathematics
- Master of Science in Statistics
- Master of Science in Chemistry
- Master of Science in Physics
- Master of Science in Bioinformatics
- Master of Science in Applied Entomology
- Master of Science in Immunology
- Master of Science in Microbiology
- Master of Science in Molecular Biology
- Master of Science in Environmental Science
- Master of Science in Genetics and Plant Breeding
- Master of Science in Crop Protection
- Master of Science in Natural Resource Management
- Master of Science in Medical Parasitology

**Minimum Requirements:** Relevant Bachelor Degree from a recognised University with 2<sup>nd</sup> Class Upper or 2<sup>nd</sup> Class Lower with two(2) years relevant experience.

## **Doctor of Philosophy Programmes:**

- Doctor of Philosophy in Pure Mathematics
- Doctor of Philosophy in Physics
- Doctor of Philosophy in Statistics
- Doctor of Philosophy in Bioinformatics
- Doctor of Philosophy in Immunology
- Doctor of Philosophy in Microbiology
- Doctor of Philosophy in Environmental Science
- Doctor of Philosophy in Natural Resources Management
- Doctor of Philosophy in Animal Physiology
- Doctor of Philosophy in Applied Entomology
- Doctor of Philosophy in Medical Parasitology
- Doctor of Philosophy in Molecular Biology
- Doctor of Philosophy in Applied Mathematics
- Doctor of Philosophy in Chemistry
- Doctor of Philosophy in Fish Biology and Aquaculture
- Doctor of Philosophy in Crop Protection

**Minimum Requirements:** Relevant Master Degree from a recognised University.



# School of Nursing, Mid- Wifery and Paramedical Sciences (SONMPS)



**T**he School of Nursing, Midwifery and Paramedical Sciences (SONMPS) is the infrastructure needed to develop and support multi-disciplinary research that extends across organizational boundaries within and between the University and its partners. This has been achieved by adopting a networked organizational structure.

Health Care occupations are among the fastest-growing jobs in the world, and the most rewarding. The School prepares students for careers in Nursing, Occupational Therapy, and Physical Therapy. With a solid science and research-based core and a lot of field practice, you will be prepared for a career as a caregiver in a field of your choice. You already know how to care, we will teach you the rest.

## Departments:

1. Department of Reproductive Health, Midwifery & Child Health
2. Department of Clinical Nursing & Health Informatics
3. Department of Community Health and Extension
4. Department of Paramedical Sciences
5. Department of Nursing, Research, Education and Management
6. Department of Paramedical Science

## Masters of Science in Advanced Nursing Practice:

### Specialty Areas:

- ◆ Nursing Education
- ◆ Mental Health and Psychiatry Nursing
- ◆ Oncology and Palliative Care Nursing
- ◆ Forensic Nursing
- ◆ Midwifery
- ◆ Community Health and Primary Health Care
- ◆ Nursing Leadership, Policy and Management
- ◆ Medical - Surgical Nursing
- ◆ Critical Care Nursing
- ◆ Paediatric Nursing
- ◆ Trauma and Emergency Nurse
- ◆ Pre - Operative Nursing
- ◆ Anaesthesia

**Minimum Requirements:** Relevant Bachelor Degree from a recognised University with 2<sup>nd</sup> Class Upper or 2<sup>nd</sup> Class Lower with two(2) years relevant experience.

## Doctor of Philosophy Programmes:

1. Doctor of Philosophy in Nursing

**Minimum Requirements:** Relevant Master Degree from a recognised University.

# School of Public Health Biomedical Sciences & Technology (SPHBST)



Welcome to the School of Public Health, Biomedical Sciences & Technology (SPHBST). The School is your comprehensive gateway to many diverse biomedical and life sciences endeavours.

The Programmes at SPHBST offer enormous promise at a time when the need for advancement in health has never been more important. As a nation, we are faced with healthcare workforce shortages due to rapid growing population.

## Departments:

1. Nutritional Sciences
2. Health Profession Education
3. Medical Laboratory Sciences
4. Optometry and Vision Science
5. Public Health

## Postgraduate Diploma:

Postgraduate Diploma in Health Promotion and Sports Science

## Masters Programmes:

- Master of Science in Optometry and Vision Sciences
- Master of Science in Pharmacology and Therapeutics
- Master of Science in Health Promotion and Sports Science
- Master of Science in Community Health and Development
- Master of Science in Medical Dietetics
  - ◆ Clinical Dietetics Option
  - ◆ Nutrition Bioinformatics Option
  - ◆ Therapeutic Dietetics Management Option
- Master of Science in Food Science and Nutrition
- Master of Science in Public Health Nutrition
- Master of Science in Public Health
- Master of Science in Health Profession Education
- Master of Science in Biomedical Sciences
  - ◆ Medical Biochemistry Option
  - ◆ Forensic Science and Technology Option
  - ◆ Medical Microbiology Option



- ◆ Medical Parasitology Option
- ◆ Medical Immunology Option
- ◆ Medical Parasitology and Vector Biology Option
- ◆ Medical Biotechnology Option
- Master of Science in Medical Laboratory Sciences
  - ◆ Forensic Science and Technology Option
  - ◆ Medical Microbiology Option
  - ◆ Medical Parasitology Option
  - ◆ Medical Immunology Option
  - ◆ Medical Parasitology and Vector Biology Option
  - ◆ Clinical Chemistry Option
  - ◆ Haematology and Transfusion Sciences Option
  - ◆ Histology/Cytology Option
  - ◆ Medical Virology Option
  - ◆ Medical Mycology

**Minimum Requirements:** Relevant Bachelor Degree from a recognised University with 2<sup>nd</sup> Class Upper or 2<sup>nd</sup> Class Lower with two (2) years relevant experience.

### **Doctor of Philosophy Programmes:**

- Doctor of Philosophy in Pharmacology and Therapeutics
- Doctor of Philosophy in Health Promotion and Sports Science
- Doctor of Philosophy in Medical Dietetics
- Doctor of Philosophy in Medical Education
- Doctor of Philosophy in Biomedical Sciences
  - ◆ Medical Biochemistry Option
  - ◆ Medical Biotechnology Option
  - ◆ Forensic Science and Technology Option
  - ◆ Medical Microbiology Option
  - ◆ Medical Parasitology Option
  - ◆ Medical Immunology Option
  - ◆ Medical Parasitology and Vector Biology Option

- Doctor of Philosophy in Laboratory Medicine
  - ◆ Medical Biotechnology Option
  - ◆ Forensic Science and Technology Option
  - ◆ Medical Microbiology Option
  - ◆ Medical Parasitology Option
  - ◆ Medical Immunology Option
  - ◆ Medical Parasitology and Vector Biology Option
  - ◆ Clinical Chemistry Option
  - ◆ Haematology and Transfusion Sciences Option
  - ◆ Histology/Cytology Option
  - ◆ Medical Virology Option
  - ◆ Medical Mycology

**Minimum Requirements:** Relevant Master Degree from a recognised University.



# Masters Programmes Fee Structure (Kshs)

| S/NO.                    | Description  | Year 1            | Year 2            | Total             |
|--------------------------|--|-------------------|-------------------|-------------------|
| 1.                       | Registration   | 2,000.00          |                   | 2,000.00          |
| 2.                       | Student's Smart Card   | 500.00            |                   | 500.00            |
| 3.                       | Caution Money (Refundable)                                       | 3,000.00          |                   | 3,000.00          |
| 4.                       | Tuition Fees   | 62,000.00         | 60,000.00         | 122,000.00        |
| 5.                       | Written Examination Fee  | 3,500.00          | 3,500.00          | 7,000.00          |
| 6.                       | Computer for Development   | 5,000.00          | 5,000.00          | 10,000.00         |
| 7.                       | Library Fee  | 3,000.00          | 3,000.00          | 6,000.00          |
| 8.                       | Thesis Examination   | 30,000.00         | 25,000.00         | 55,000.00         |
| 9.                       | Supervision Fee  | 44,000.00         | 32,000.00         | 76,000.00         |
| 10.                      | Medical Fee  | 5,000.00          | 5,000.00          | 10,000.00         |
| 11.                      | ICT Levy   | 5,000.00          | 5,000.00          | 10,000.00         |
| <b>TOTAL Fee Payable</b> |  | <b>163,000.00</b> | <b>138,500.00</b> | <b>301,500.00</b> |
| 12.                      | Laboratory Fee<br>(where applicable)                             | 30,000.00         | 30,000.00         | 60,000.00         |
| 13.                      | Fieldwork Fee<br>(where applicable)                              | 15,000.00         | 15,000.00         | 30,000.00         |
| 14.                      | Practical Fee – Journalism<br>& Mass Communication<br>Programmes | 6,000.00          | 6,000.00          | 12,000.00         |

## Postgraduate Programmes :

Duration: 1 year

Total Fee Payable: Kshs. 118,200.00

**Doctor of  
Philosophy  
(Ph.D)  
Programmes  
Fee Structure  
(Kshs)**

| S/ NO.                         | Description   | Year 1            | Year 2            | Year 3            | Total             |
|--------------------------------|---|-------------------|-------------------|-------------------|-------------------|
| 1.                             | Registration  | 2,000.00          |                   |                   | 2,000.00          |
| 2.                             | Student's Smart Card  | 500.00            |                   |                   | 500.00            |
| 3.                             | Caution Money<br>(Refundable)                                       | 3,000.00          |                   |                   | 3,000.00          |
| 4.                             | Tuition Fees  | 72,000.00         | 60,000.00         | 60,000.00         | 192,000.00        |
| 5.                             | Written Examination<br>Fee  | 5,000.00          | 5,000.00          |                   | 10,000.00         |
| 6.                             | Computer for<br>Development   | 10,000.00         | 10,000.00         |                   | 20,000.00         |
| 7.                             | Library Fee   | 3,000.00          | 3,000.00          | 3,000.00          | 9,000.00          |
| 8.                             | Thesis Examination  | 36,000.00         | 27,000.00         | 22,000.00         | 85,000.00         |
| 9.                             | Supervision Fee   | 32,000.00         | 75,000.00         | 85,000.00         | 192,000.00        |
| 10.                            | Medical Fee   | 5,000.00          | 5,000.00          | 5,000.00          | 15,000.00         |
| 11.                            | ICT Levy  | 5,000.00          | 5,000.00          | 5,000.00          | 15,000.00         |
| <b>TOTAL<br/>(Fee Payable)</b> |   | <b>173,500.00</b> | <b>185,000.00</b> | <b>175,000.00</b> | <b>543,500.00</b> |
| 12.                            | Laboratory Fee<br>(where applicable)                                | 30,000.00         | 50,000.00         | 50,000.00         | 130,000.00        |
| 13.                            | Fieldwork Fee<br>(where applicable)                                 | 20,000.00         | 20,000.00         | 20,000.00         | 60,000.00         |
| 14.                            | Practical Fee –<br>Journalism &<br>Mass Communication<br>Programmes | 8,000.00          |                   |                   | 8,000.00          |



## MMUST Online Application System:

### Postgraduate Application User Guidelines Requirements for Online Application

1. A valid Personal Email address and Password for the student
2. Name, Email address and Telephone contact for three academic referees
3. Scanned Application Fee Payment Slip
4. Scanned Academic Testimonials (Undergraduate Certificates and Post graduate certificates applicable)

### Procedure of Application

1. Login to website: [www.mmust.ac.ke](http://www.mmust.ac.ke)
2. Click on online Course Application
3. Create User Account  
Tip: Use the same Password as that of Email
4. Verification of User Account  
Login to your Email address  
Click on the link to verify account
5. Application of Course  
Login to your User Account (Enter Email & Password)  
Follow the instructions by filling all appropriate information
6. Complete Application Process  
Print an acknowledgment Slip

### Checklist

#### Confirm the following:

1. Ensure that you have applied for your preferred course
2. Confirm that you have uploaded Application Fees Payment Slip
3. Confirm that you have uploaded Academic Results Slips/Certificates
4. Confirm that you provided the three Academic Referees and their valid addresses and contacts

*Thank you for choosing MMUST*

#### Application Fee:

- Post Graduate Diploma
  - Master
  - Doctor of Philosophy (Ph.D)
- } Kshs. 2,000.00

| Bank        | Account Number | Branch          |
|-------------|----------------|-----------------|
| KCB Bank    | 1101922109     | Kakamega Branch |
| Equity Bank | 0500294636103  | Kakamega Branch |
| Equity Bank | 1650264152539  | Kakamega Branch |
| KCB         | 1101811269     | Kakamega Branch |



# **Masinde Muliro University of Science and Technology**

*University of Choice.*

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