



MURANG'A UNIVERSITY OF TECHNOLOGY

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MURANG'A UNIVERSITY OF TECHNOLOGY UNDERGRADUATE PROGRAMMES

1. SCHOOL OF ENGINEERING AND TECHNOLOGY

Department of Electrical and Electronics Engineering

| COURSE | DURATION | KUCCPS MINIMUM SUBJECT REQUIREMENTS | SELF SPONSORED SUBJECT REQUIREMENTS |
|--|--------------|--|--|
| Bachelor of Science in Electrical and Electronics Engineering | 10 semesters | Subject 1 MAT A C+ Subject 2 PHY C+ Subject 3 CHE C+ Subject 4 ENG / KIS C+ | C+ in Mathematics, Chemistry, Physics and English/Kiswahili. |
| Bachelor of Technology in Electrical and Electronics Engineering | 8 semesters | Subject 1 MAT A C+ Subject 2 PHY C+ Subject 3 CHE C+ | |

Department of Civil and Building Engineering

| COURSE | DURATION | KUCCPS MINIMUM SUBJECT REQUIREMENTS | SELF SPONSORED SUBJECT REQUIREMENTS |
|--|--------------|--|--|
| Bachelor of Science in Civil Engineering | 10 semesters | Subject 1 MAT A C+ Subject 2 PHY C+ Subject 3 CHE C+ Subject 4 ENG / KIS C+ | C+ in Mathematics, Chemistry, Physics and English/Kiswahili. |



MUT IS ISO 9001: 2015 & ISO/IEC 27001:2013 CERTIFIED



Department of Mechanical Engineering

| COURSE | DURATION | KUCCPS MINIMUM REQUIREMENTS | SUBJECT | SELF SPONSORED SUBJECT REQUIREMENTS |
|--|--------------|-------------------------------------|------------------------------|--|
| Bachelor of Science in Mechatronics Engineering | 10 Semesters | Subject 1 Subject 2 | MAT A C+ PHY C+ | C+ in Mathematics, Chemistry, Physics and English/Kiswahili. |
| Bachelor of Science in Mechanical Engineering | 10 Semesters | Subject 3 Subject 4 | CHE C+ ENG / KIS C+ | |
| Bachelor of Technology in Mechanical Engineering | 8 semesters | Subject 1 Subject 2 Subject 3 | MAT A C+ PHY C+ CHE C+ | |

2. SCHOOL OF PURE, APPLIED AND HEALTH SCIENCES

Department of Physical and Biological Science

| COURSE | DURATION | KUCCPS MINIMUM REQUIREMENTS | SUBJECT | SELF SPONSORED SUBJECT REQUIREMENTS |
|--|-------------|-------------------------------------|---|---|
| Bachelor of Science in Analytical Chemistry | 8 semesters | Subject 1 | MAT A C+ | C+ (Plus) in Mathematics, C- (Minus) in Physics and C- (Minus) in Chemistry |
| Bachelor of Science in Industrial Chemistry | 8 semesters | Subject 1 Subject 2 Subject 3 | MAT A C PHY C CHE C+ | |
| Bachelor of Science (General) | 8 semesters | Subject 1 Subject 2 Subject 3 | MAT A C BIO / PHY / CHE BIO / PHY / CHE | C+ (Plus) in Biology & C (Plain) in Mathematics and Chemistry |
| Bachelor of Science in Biosciences | 8 semesters | | | C C |
| Bachelor of Science in Laboratory Technology | 8 semesters | Subject 1 Subject 2 | BIO C+ MAT A / PHY C+ | C+ (Plus) in any two science (Biology, Physics or Chemistry) |



Department of Mathematics and Actuarial Science

| COURSE | DURATION | KUCCPS MINIMUM SUBJECT REQUIREMENTS | SELF SPONSORED SUBJECT REQUIREMENTS |
|--|-------------|---|---|
| Bachelor of Science in Mathematics and Computer Science | 8 semesters | Subject 1 MAT A C+ Subject 2 PHY C+ Subject 3 ENG / KIS C | Minimum Subject Requirement C+ (Plus) in Mathematics, C- (Minus) in Physics and C- (Minus) in Chemistry |
| Bachelor of Science in Mathematics and Economics | 8 semesters | Subject 1 MAT A C+ Subject 2 ENG / KIS C | C+ (Plus) in Mathematics & C (Plain) in English |
| Bachelor of Science in Applied Statistics with Programming | 8 semesters | Subject 1 MAT A C+ Subject 2 PHY C Subject 3 ENG / KIS C | |
| Bachelor of Science in Actuarial Science | 8 semesters | Subject 1 MAT A C+ | |

Department of Health Sciences

| COURSE | DURATION | KUCCPS MINIMUM SUBJECT REQUIREMENTS | SELF SPONSORED SUBJECT REQUIREMENTS |
|---|-------------|--|--|
| Bachelor of Science in Nursing | 8 semesters | Subject 1 BIO C+ Subject 2 CHE C+ Subject 3 MAT A / PHY C+ Subject 4 ENG / KIS C+ | C+ (Plus) in Biology/Biological Sciences and Chemistry, C+ (Plus) in English/Kiswahili and C+ (plus) in Mathematics. |
| Bachelor of Science in Medical Laboratory Science | 8 semesters | | |
| Bachelor of Science in Environmental Health | 8 semesters | | |
| Bachelor of Science in Clinical Medicine | 8 semesters | Subject 1 BIO C+ Subject 2 CHE C+ Subject 3 MAT A / PHY C+ Subject 4 ENG / KIS C+ | |
| Bachelor of Science in Public Health | 8 semesters | Subject 1 BIO C+ Subject 2 CHE C+ Subject 3 MAT A / PHY C+ Subject 4 ENG / KIS C+ | |

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|---|-------------|--|--|--|
| Bachelor of Science in Community Health | 8 semesters | Subject 1 Subject 2 Subject 3 Subject 4 | BIO C CHE C MAT A / PHY C ENG / KIS C | C+ (Plus) in Biology/Biological Sciences, C (Plain) in English/Kiswahili and C (plain) in any two of the following; Mathematics, Chemistry or Physics. |
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3. SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY

Department of Computer Science

| COURSE | DURATION | KUCCPS MINIMUM REQUIREMENTS | SUBJECT | SELF SPONSORED SUBJECT REQUIREMENTS |
|--|-------------|-------------------------------------|-----------------------------------|--------------------------------------|
| Bachelor of Science in Software Engineering | 8 Semesters | Subject 1 Subject 2 Subject 3 | MAT A C+ PHY C+ ENG / KIS C | C (Plain) in English and Mathematics |
| Bachelor of Science in Computer Science | 8 Semesters | | | |
| Bachelor of Science in Computer Technology | 8 Semesters | | | |
| Bachelor of Science in Computer Security and Digital Forensics | 8 Semesters | | | |

Department of Information Technology

| COURSE | DURATION | KUCCPS MINIMUM REQUIREMENTS | SUBJECT | SELF SPONSORED SUBJECT REQUIREMENTS |
|--|-------------|-----------------------------|------------------------|--------------------------------------|
| Bachelor of Science in Information Technology | 8 Semesters | Subject 1 Subject 2 | MAT A C ENG / KIS C | C (Plain) in English and Mathematics |
| Bachelor of Business Information Technology (BBIT) | 8 Semesters | Subject 1 | MAT A / MAT B C | |
| Bachelor of Science in Information Science | 8 Semesters | | | |



4. SCHOOL OF BUSINESS AND ECONOMICS

Department of Human Resource Management

| COURSE | DURATION | KUCCPS MINIMUM SUBJECT REQUIREMENTS | SELF SPONSORED SUBJECT REQUIREMENTS |
|---|-------------|-------------------------------------|--|
| Bachelor of Science in Human Resource Management | 8 Semesters | None | C (Plain) in Mathematics and English/Kiswahili |
| Bachelor of Science in Entrepreneurship & Enterprise Management | 8 Semesters | Subject 1 MAT A / MAT B C | |

Department of Commerce

| COURSE | DURATION | KUCCPS MINIMUM SUBJECT REQUIREMENTS | SELF SPONSORED SUBJECT REQUIREMENTS |
|--|-------------|-------------------------------------|---|
| Bachelor of Science in Development Studies with IT | 8 semesters | None | C (Plain) in Mathematics and English/Kiswahili; |
| Bachelor of Commerce | 8 Semesters | Subject 1 MAT A / MAT B C | |
| Bachelor of Science in Procurement and Supplies Management | 8 Semesters | Subject 1 MAT A / MAT B C | |
| Bachelor of Science in Maritime and Freight Logistics | 8 Semesters | | |

5. SCHOOL OF AGRICULTURE AND ENVIRONMENTAL SCIENCES

Department of Agriculture

| COURSE | DURATION | KUCCPS MINIMUM SUBJECT REQUIREMENTS | SELF SPONSORED SUBJECT REQUIREMENTS |
|------------------------------------|-------------|--|-------------------------------------|
| Bachelor of Science in Agriculture | 8 Semesters | Subject1 BIO / AGR C / C+ Respectively Subject 2 CHE C | C (Plain) in English OR Kiswahili |



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| | | Subject 3 | MAT A / PHY / GEO | C |
| Bachelor of Science in Agricultural Education and Extension | 8 Semesters | Subject 1 | BIO | C+ |
| | | Subject 2 | AGR | C+ |
| Bachelor of Science in Agribusiness Management and Enterprise Development | 8 Semesters | Subject 1 | MAT A C | |
| | | Subject1 | BIO / AGR / BST | C |
| | | | / C+ / C+ Respectively | |
| Bachelor of Science in Agricultural Economics and Rural Development | 8 Semesters | Subject1 | BIO / AGR | C / C+ |
| | | | Respectively | |
| | | Subject 2 | CHE | C |
| | | Subject 3 | MAT A / PHY / GEO | C |

6. SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT

Department of Hospitality Management

| COURSE | DURATION | KUCCPS MINIMUM REQUIREMENTS | SUBJECT | SELF SPONSORED SUBJECT REQUIREMENTS |
|--|-------------|-------------------------------------|-------------------------------------|--|
| Bachelor of Hospitality Management | 8 Semesters | None | | C (Plain) in the following; English/Kiswahili/Foreign Language, Mathematics, Biology/Physics/Chemistry, Geography/CRE/IRE/Hindu/History & Government, Home Science/Agriculture |
| Bachelor of Science in Food Science and Technology | 8 semesters | Subject 1 Subject 2 Subject 3 | BIO / HSC / AGR CHE C MAT A C | |

Department of Tourism Management

| COURSE | DURATION | KUCCPS MINIMUM REQUIREMENTS | SUBJECT | SELF SPONSORED SUBJECT REQUIREMENTS |
|---|-------------|-----------------------------|---------|---|
| Bachelor of Tourism Management | 8 semesters | None | | C (Plain) in the following; English/Kiswahili/Foreign Language, Mathematics, Biology/Physics/Chemistry, |
| Bachelor of Travel and Tours Management | 8 semesters | None | | |



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| | | | Geography/CRE/IRE/Hindu/History & Government, Home Science/Agriculture |
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7. SCHOOL OF EDUCATION

Department of Education and Technology

| COURSE | DURATION | KUCCPS MINIMUM REQUIREMENTS | SUBJECT | SELF SPONSORED SUBJECT REQUIREMENTS |
|---|-------------|-------------------------------------|--|--|
| Bachelor of Technology Education (with options; Civil Engineering, Mechanical Engineering and Electrical Engineering) | 8 semesters | Subject 1 Subject 2 Subject 3 | PHY C+ MAT A C+ CHE C+ | A minimum of C+ in two (2) teaching subjects |
| Bachelor of Education (Science) | 8 Semesters | Subject 1 Subject 2 | MAT A / BIO / PHY / CHE C+ MAT A / BIO / PHY / CHE C+ | |
| Bachelor of Education (Arts) | 8 Semesters | Subject 1 Subject 2 | ENG / KIS / MAT A / MAT B / HAG / GEO / CRE / IRE / HRE / SEE / HSC / ARD / CMP / FRE / GER / ARB / KSL / MUC / ACC / COM / BST C+ ENG / KIS / MAT A / MAT B / HAG / GEO / CRE / IRE / HRE / SEE / HSC / ARD / CMP / FRE / GER / ARB / KSL / MUC / ACC / COM / BST C+ | |



8. SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

Department of Humanities

| COURSE | DURATION | KUCCPS REQUIREMENTS | MINIMUM SUBJECT | SELF SPONSORED SUBJECT REQUIREMENTS |
|---|-------------|---------------------|-----------------|-------------------------------------|
| Bachelor of Linguistics and Communication Studies | 8 semesters | Subject 1 | ENG / KIS | C+ |
| Bachelor of Journalism and Digital Media | 8 semesters | | | |

Department of Social Sciences

| COURSE | DURATION | KUCCPS REQUIREMENTS | MINIMUM SUBJECT | SELF SPONSORED SUBJECT REQUIREMENTS |
|---|-------------|---------------------|-----------------|-------------------------------------|
| Bachelor of Science in Criminology and Security Studies | 8 semesters | None | | A minimum of C+ English/Kiswahili. |
| Bachelor of Arts in Public Administration | 8 semesters | | | |

