

# LIST OF JKUAT PROGRAMMES AND THE REQUIREMENTS

## COLLEGE OF ENGINEERING AND TECHNOLOGY

### SCHOOL OF CIVIL, ENVIRONMENTAL AND GEOMATIC ENGINEERING

S/NO.	PROGRAMME	REQUIREMENTS
1.	BSc. Civil Engineering	For Direct entry into 1 <sup>st</sup> year: KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.
2.	B.Sc. Geomatic Engineering and Geospatial Information Systems	For Direct entry into 1 <sup>st</sup> year: KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.
3.	BSc Geospatial Information Systems	For Direct entry into 1 <sup>st</sup> year: KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.

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## SCHOOL OF BIOSYSTEMS AND ENVIRONMENTAL ENGINEERING

S/NO.	PROGRAMME	REQUIREMENTS
4.	BSc. Soil, Water & Environmental Engineering (SWEE)	For Direct entry into 1 <sup>st</sup> year:  KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.
5.	BSc. Water & Environmental Management	For Direct entry into 1 <sup>st</sup> year:  KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.
6.	BSc. Agricultural Engineering	For Direct entry into 1 <sup>st</sup> year:  KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.
7.	BSc. Biomechanical and Processing Engineering	For Direct entry into 1 <sup>st</sup> year:  KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.
8.	BSc. Agricultural Engineering- Accelerated intake	For Direct entry into 1 <sup>st</sup> year:  KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR

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		Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.
9.	BSc. Biomechanical and Processing Engineering- Accelerated intake	For Direct entry into 1 <sup>st</sup> year:  KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.
10.	BSc. Agricultural and Biosystems Engineering	For Direct entry into 1 <sup>st</sup> year:  KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.

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### SCHOOL OF ELECTRICAL, ELECTRONIC AND INFORMATION ENGINEERING

S/NO.	PROGRAMME	REQUIREMENTS
11.	B.Sc. Electrical and Electronic Engineering	Mean grade of C+, and the following minimum grades in the individual cluster subjects: Mathematics C+(plus), Physics C+(plus), Chemistry C+(plus), English/Kiswahili C+ (plus), and C+ (plus) in any of the subjects in Group II, III, IV or V; Diploma holders(KNEC)
12.	B.Sc. Electronic and Computer Engineering	Mean grade of C+, and the following minimum grades in the individual cluster subjects: Mathematics C+(plus), Physics C+(plus), Chemistry C+(plus), English/Kiswahili C+ (plus), and C+ (plus) in any of the subjects in Group II, III, IV or V; Diploma holders(KNEC)
13.	B.Sc. Telecommunication and Information Engineering	Mean grade of C+, and the following minimum grades in the individual cluster subjects: Mathematics C+(plus), Physics C+(plus), Chemistry C+(plus), English/Kiswahili C+ (plus), and C+ (plus) in any of the subjects in Group II, III, IV or V; Diploma holders(KNEC)
14.	M.Sc. Electrical Engineering	-
15.	Ph.D. Electrical Engineering	-
16.	M.Sc. Telecommunication Engineering	-
17.	Ph.D Telecommunication Engineering	-
18.	Postgraduate Diploma in Electrical Engineering	-
19.	Postgraduate Diploma in Telecommunication Engineering	-
20.	Ph.D in Urban Planning & Development.	Minimum qualifications, relevant masters Degree; Housing Crime ,Climate Change, Heritage, Infrastructure, Land use planning, Urban Conservation, Redevelopment, Management, Urban Design Practice, Urban Design Theory, Urban History, Urban Economics, Urban planning and Development, Pollution, Densification, Solid Waste

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### SCHOOL OF ARCHITECTURE AND BUILDING SCIENCES

S/NO.	PROGRAMME	REQUIREMENT
21.	Bachelor of Architectural Technology	Kenya Certificate of Secondary Examination (KCSE) with a minimum aggregate of B- (minus) and C+ (plus) as the minimum grade in cluster Groups of 4 subjects which include: Mathematics, Physics or Biology, any subject from Group III (History and Government OR Geography OR Christian Religious Education OR Islamic Religious Education OR Hindu Religious Education); or 2nd Group II (Biology or Chemistry); OR 2nd OR 2nd Group III OR Group IV (Home Science or Art and Design or Agriculture or Aviation Technology or Computer Studies); OR Group V (French, German, Arabic, Music, Business Studies).
22.	Bachelor of Construction Management	Kenya Certificate of Secondary Examination (KCSE) with a minimum aggregate of B- (minus) and C+ (plus) as the minimum grade in cluster Groups of 4 subjects which include: Mathematics, Physics or Biology, any subject from Group III (History and Government OR Geography OR Christian Religious Education OR Islamic Religious Education OR Hindu Religious Education); or 2nd Group II (Biology or Chemistry); OR 2nd OR 2nd Group III OR Group IV (Home Science or Art and Design or Agriculture or Aviation Technology or Computer Studies); OR Group V (French, German, Arabic, Music, Business Studies).
23.	Bachelor of Quantity Surveying	Kenya Certificate of Secondary Examination (KCSE) with a minimum aggregate of B- (minus) and C+ (plus) as the minimum grade in cluster Groups of 4 subjects which include: Mathematics, Physics or Biology, any subject from Group III (History and Government OR Geography OR Christian Religious Education OR Islamic Religious Education OR Hindu Religious Education); or 2nd Group II (Biology or Chemistry); OR 2nd OR 2nd Group III OR Group IV (Home Science or Art and Design or Agriculture or Aviation Technology or Computer Studies); OR Group V (French, German, Arabic, Music, Business Studies).

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24.	Bachelor of Real Estate	Kenya Certificate of Secondary Examination (KCSE) with a minimum aggregate of B- (minus) and C+ (plus) as the minimum grade in cluster Groups of 4 subjects which include: Mathematics, Physics or Biology, any subject from Group III (History and Government OR Geography OR Christian Religious Education OR Islamic Religious Education OR Hindu Religious Education); or 2nd Group II (Biology or Chemistry); OR 2nd OR 2nd Group III OR Group IV (Home Science or Art and Design or Agriculture or Aviation Technology or Computer Studies); OR Group V (French, German, Arabic, Music, Business Studies).
25.	Bachelor of Landscape Architecture	Kenya Certificate of Secondary Examination (KCSE) with a minimum aggregate of B- (minus) and C+ (plus) as the minimum grade in cluster Groups of 4 subjects which include: Mathematics, Physics or Biology, any subject from Group III (History and Government OR Geography OR Christian Religious Education OR Islamic Religious Education OR Hindu Religious Education); or 2nd Group II (Biology or Chemistry); OR 2nd OR 2nd Group III OR Group IV (Home Science or Art and Design or Agriculture or Aviation Technology or Computer Studies); OR Group V (French, German, Arabic, Music, Business Studies).
26.	Master of Construction Management	(a) A holder of first class or and Upper Second Class Honors Degree in a field related to built environment A holder of first class or and Upper Second Class Honors Degree in a field related to built environment Be a graduate of a University or any other institution of higher learning recognized by the JKUAT senate as being of equivalent academic status for the purpose of admission the programme. (c) A holder of second class honors, lower division of JKUAT or any other institutions recognized by JKUAT Senate as being equivalent academic status, and who in addition must show proof of either two (2) years relevant experience. (d) Holder of a Bachelor degree with a pass plus five years post qualification experience in built environment. Relevant experience and professional development of academic advancement through

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		research, publication, and postgraduate certificate course related to project management since graduate with the Bachelor's degree, or a postgraduate Diploma in the relevant field.
27.	Ph.D. Architecture	A holder of Masters degree in a relevant discipline recognized by JKUAT Senate
28.	Ph.D. Construction Management	A holder of Masters degree in a relevant discipline recognized by JKUAT Senate
29.	Ph.D. Landscape Architecture	A holder of Masters degree in a relevant discipline recognized by JKUAT Senate

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## SCHOOL OF MECHANICAL, MANUFACTURING AND MATERIALS ENGINEERING

S/No.	PROGRAMME	REQUIREMENTS
30.	BSc Marine Engineering	For Direct entry into 1 <sup>st</sup> year: KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.
31.	BSc Mechatronic	For Direct entry into 1 <sup>st</sup> year: KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.
32.	BSc. Mechanical Engineering	For Direct entry into 1 <sup>st</sup> year: KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.
33.	BSc. Mining and Mineral Processing Engineering	For Direct entry into 1 <sup>st</sup> year: KCSE, certificate, Mean grade C+, with at least C+ in Maths, Physics and Chemistry, plus at least a C+ in any other subjects in groups II,III, IV, V OR Holder of Ordinary Diploma examined by KNEC in the relevant field, with a pass Entry into 2 <sup>nd</sup> year: Holder of an ordinary diploma, examined by KNEC, with Credit.



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**COLLEGE OF PURE AND APPLIED SCIENCES**

**SCHOOL OF PHYSICAL SCIENCES**

<b>S/NO.</b>	<b>PROGRAMME</b>	<b>REQUIREMENTS</b>
34.	BSc. Industrial Chemistry	Mean grade C+, Chemistry C+, C- in any one of the following Biology/Physics ; Mathematics C-
35.	BSc. Analytical Chemistry	Mean grade C+, Chemistry C+, Physics C- and Mathematics C-
36.	BSc. Control and Instrumentation	KCSE Mean grade C+, Physics C+, and C- in Mathematics and Chemistry
37.	Bachelor of Science	KCSE Mean grade C+, Physics C+, Chemistry C+ and C- in Mathematics
38.	BSc. Geophysics	KCSE mean grade C+, Physics C+, Chemistry/Biology/geography C+, English/Kiswahili C.
39.	BSc. Renewable Energy & Environmental Physical	KCSE mean grade C+, Physics C+, Mathematics C+, English/Kiswahili Chemistry/Biology /Geography C+.

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## SCHOOL OF MATHEMATICAL SCIENCES

S/NO.	PROGRAMME	REQUIREMENTS
40.	Bachelor of Science in Actuarial Science	Requirements: Mean grade C+, Mathematics C+ and English C+
41.	Bachelor of Science in Financial Engineering	Requirements: Mean grade C+, Mathematics C+ and English C+
42.	Bachelor of Science in Biostatistics	Requirements: Mean grade C+, Mathematics C+, English C+ and Biology C-
43.	Bachelor of Science in Statistics	Requirements: Mean grade C+, Mathematics C+ and English C+
44.	Bachelor of Science in Industrial Mathematics	Requirements: Mean grade of C+
45.	Bachelor of Science in Mathematics and Computer Science	Requirements: Mean grade C+, Biology C+, Mathematics/Physics C- and Chemistry C-
46.	Bachelor of Science in Operations Research	Requirements: Mean grade C+, Mathematics C+, English C+

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### SCHOOL OF BIOLOGICAL SCIENCES

S/NO.	PROGRAMME	REQUIREMENTS
47.	B.Sc. Environmental Science	A minimum grade of C+ in Biological Sciences in KCSE (or equivalent examination).In addition, a student must have passed any two subjects from the following alternatives: Alternative A Chemistry C+, Mathematics C+. Alternative B Physical Science C+, Mathematics C+
48.	B.Sc. Microbiology	A minimum grade of C+ in Biological Sciences in KCSE (or equivalent examination).In addition, a student must have passed any two subjects from the following alternatives: Alternative A Chemistry C+, Mathematics C+. Alternative B Physical Science C+, Mathematics C+
49.	B.Sc. Fisheries & Aquaculture	A minimum grade of C+ in Biological Sciences in KCSE (or equivalent examination).In addition, a student must have passed any two subjects from the following alternatives: Alternative A Chemistry C+, Mathematics C+. Alternative B Physical Science C+, Mathematics C+
50.	B.Sc. Biological Sciences	A minimum grade of C+ in Biological Sciences in KCSE (or equivalent examination).In addition, a student must have passed any two subjects from the following alternatives: Alternative A Chemistry C+, Mathematics C+. Alternative B Physical Science C+, Mathematics C+
51.	B.Sc. Biotechnology	A minimum grade of C+ in Biological Sciences in KCSE (or equivalent examination).In addition, a student must have passed any two subjects from the following alternatives: Alternative A Chemistry C+, Mathematics C+. Alternative B Physical Science C+, Mathematics C+
52.	B.Sc. in Genomic Science	A minimum grade of C+ in Biological Sciences in KCSE (or equivalent examination).In addition, a student must have passed any two subjects from the following alternatives: Alternative A Chemistry C+, Mathematics C+. Alternative B Physical Science C+, Mathematics C+
53.	B.Sc. in Zoology	A minimum grade of C+ in Biological Sciences in KCSE (or equivalent examination).In addition, a student must have passed any two subjects from the following

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		alternatives: Alternative A Chemistry C+, Mathematics C+. Alternative B Physical Science C+, Mathematics C+
54.	B.Sc. in Applied Biology	A minimum grade of C+ in Biological Sciences in KCSE (or equivalent examination).In addition, a student must have passed any two subjects from the following alternatives: Alternative A Chemistry C+, Mathematics C+. Alternative B Physical Science C+, Mathematics C+

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## SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY

S/NO.	PROGRAMME	REQUIREMENTS
55.	BSc Computer Science	KCSE Mean Grade C+ and an average Grade B+ (Plus) in one of the following two combinations of three subjects taken in KCSE (or equivalent examination); <i>either</i> Mathematics, Physics, Chemistry <i>OR</i> Mathematics, Physical Sciences, Biological Sciences
56.	BSc Computer Technology	KCSE Mean Grade C+ and an average Grade C+ (Plus) in one of the following two combinations of three subjects taken in KCSE (or equivalent examination); <i>either</i> Mathematics, Physics, Chemistry <i>OR</i> Mathematics, Physical Sciences, Biological Sciences.
57.	BSc Information Technology	Any of the following: 1. Aggregate Grade of C+ (Plus) in KCSE with at least grade C (Plain) in Mathematics and English 2. Must have TWO Principal passes in 'A' level/Kenya Advanced Certificate of Education (KACE) 3. A pass in JKUAT-Diploma in Computer Technology or IT or the equivalent qualification approved by the University Senate
58.	BSc Business Computing	Same as BSc. IT
59.	Diploma in Information Technology	Any of the following: 1. KCSE Mean Grade C (Plain) and grades C- in English and Mathematics 2. Division II in KCE with credit in English and Mathematics 3. KACE certificate with a subsidiary pass in Maths or an equivalent qualification recognized by Senate.
60.	Certificate in Information Technology	KCSE Mean Grade grade C- Or Division III in KCE

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## COLLEGE OF HUMAN RESOURCE DEVELOPMENT

### SCHOOL OF BUSINESS

S/NO.	PROGRAMME	REQUIREMENTS
61.	Bachelor of Commerce	Be a holder of KCSE (or equivalent examination) certificate with a minimum aggregate of C+ and a minimum of C in both Mathematics and English At least Credit pass in any relevant Diploma from JKUAT/KNEC or any other Senate recognized institution with a minimum aggregate of D+ KCSE Candidates who are CPA/CPS/ACCA/CCP/CICT finalist will be exempted from year 1
62.	Bachelor of Business Information Technology	Be a holder of KCSE (or equivalent examination) certificate with a minimum aggregate of C+ and a minimum of C in both Mathematics and English At least Credit pass in any relevant Diploma from JKUAT/KNEC or any other Senate recognized institution with a minimum aggregate of D+ KCSE Candidates who are CPA/CPS/ACCA/CCP/CICT finalist will be exempted from year 1
63.	Masters in Business Administration	Bachelors degree with at least Upper Second Class Honours or equivalent from a recognized university <b>OR</b> Bachelors degree with Lower Second Class Honours plus at least two years relevant experience <b>OR</b> Bachelors degree with pass plus at least four years relevant postgraduate experience
64.	Msc. Finance	Bachelors degree with at least Upper Second Class Honours or equivalent from a recognized university <b>OR</b> Bachelors degree with Lower Second Class Honours plus at least two years relevant experience <b>OR</b>
65.	PhD in Business Administration	Holders of relevant Masters degrees from JKUAT <b>OR</b> its equivalent from a recognized university Be a holder of Bachelors degree from JKUAT <b>OR</b> its equivalent from a recognized university

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**SCHOOL OF ENTREPRENEURSHIP AND PROCUREMENT MANAGEMENT**

<b>S/NO.</b>	<b>PROGRAMME</b>	<b>REQUIREMENTS</b>
66.	Bachelor of Purchasing and Supplies Management	Be a holder of KCSE (or equivalent examination) certificate with a minimum aggregate of C+ and a minimum of C in both Mathematics and English At least Credit pass in any relevant Diploma from JKUAT/KNEC or any other Senate recognized institution with a minimum aggregate of D+ KCSE Candidates who are CPA/CPS/ACCA/CCP/CICT finalist will be exempted from year 1
67.	Bsc. in Public Administration and Leadership	Be a holder of KCSE (or equivalent examination) certificate with a minimum aggregate of C+ and a minimum of C in both Kiswahili and English At least Credit pass in any relevant Diploma from JKUAT/KNEC or any other Senate recognized institution with a minimum aggregate of D+ KCSE Candidates who are CPA/CPS/ACCA/CCP/CICT finalist will be exempted from year 1
68.	Msc Procurement and Logistics	Bachelors degree with at least Upper Second Class Honours or equivalent from a recognized university <b>OR</b> Bachelors degree with Lower Second Class Honours plus at least two years relevant experience <b>OR</b> Bachelors degree with pass plus at least four years relevant postgraduate experience
69.	Msc Procurement and Contract Management	Bachelors degree with at least Upper Second Class Honours or equivalent from a recognized university <b>OR</b> Bachelors degree with Lower Second Class Honours plus at least two years relevant experience <b>OR</b> Bachelors degree with pass plus at least four years relevant postgraduate experience
70.	Msc in Entrepreneurship	Bachelors degree with at least Upper Second Class Honours or equivalent from a recognized university <b>OR</b> Bachelors degree with Lower Second Class Honours plus at least two years relevant experience <b>OR</b> Bachelors degree with pass plus at least four years relevant postgraduate experience
71.	Msc Project Management	Bachelors degree with at least Upper Second Class Honours or equivalent from a recognized university <b>OR</b> Bachelors degree with Lower Second Class Honours plus at least two years relevant experience <b>OR</b> Bachelors degree with pass plus at least four years relevant postgraduate experience
72.	Msc Human Resource Management	Bachelors degree with at least Upper Second Class Honours or equivalent from a recognized university <b>OR</b> Bachelors degree with Lower Second Class Honours plus at least two years relevant experience <b>OR</b> Bachelors degree with pass plus at least four years relevant postgraduate experience

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73.	PhD in Human Resource Management	Holders of MSc. HRM from JKUAT <b>OR</b> its equivalent from a recognized university Be a holder of Bachelors degree from JKUAT <b>OR</b> its equivalent from a recognized university
74.	PhD Entrepreneurship	Holders of MSc. Entrepreneurship from JKUAT <b>OR</b> its equivalent from a recognized university Be a holder of Bachelors degree from JKUAT <b>OR</b> its equivalent from a recognized university
75.	PhD Supply Chain Management	Holders of MSc. Procurement and Logistics/ Contract Management from JKUAT <b>OR</b> its equivalent from a recognized university Be a holder of Bachelors degree from JKUAT <b>OR</b> its equivalent from a recognized university

### **SCHOOL OF COMMUNICATION AND DEVELOPMENT STUDIES**

<b>S/NO.</b>	<b>PROGRAMME</b>	<b>REQUIREMENTS</b>
76.	Bachelor of Development Studies	Be a holder of KCSE (or equivalent examination) certificate with a minimum aggregate of C+ and a minimum of C in both Kiswahili and English At least Credit pass in any relevant Diploma from JKUAT/KNEC or any other Senate recognized institution with a minimum aggregate of D+ KCSE Candidates who are CPA/CPS/ACCA/CCP/CICT finalist will be exempted from year 1



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## COLLEGE OF HEALTH SCIENCES

### SCHOOL OF MEDICINE

S/NO.	PROGRAMME	REQUIREMENTS
77.	Bachelor of Medicine & Bachelor of Surgery	a) All candidates must satisfy the common requirements for entry into the University, i.e. a mean grade of C+. b) In addition: i) K.C.S.E. Holders: An average of B+ (plus) in the 4 cluster subjects shown below provided that no subject in the cluster shall have a score below B (PLAIN).Biology, Chemistry, Physics/Mathematics, English/Kiswahili ii) Advanced Level Holders: A minimum of 2 principal passes; one in Biology and the other in Chemistry and one subsidiary pass in either Mathematics or Physics. In addition, they should have a credit pass in English iii) Diploma in Clinical Medicine: A minimum "O" level Division II pass or C+ (plus) Mean Grade and Credit pass C+ (plus) in the cluster subjects in K.C.S.E. in addition to a Credit pass in the professional qualification from a recognized medical training institution iv) Holders of any degree in the biological sciences from JKUAT or equivalent qualification from a university recognized by JKUAT senate.
78.	Bsc. Clinical Medicine (Direct Entry)	KCSE Mean Grade of C+ (Plus). In addition, C+ in the cluster subjects listed below: Biology Chemistry Mathematics /Physics English/Swahili OR - Have a Minimum 2 Principal passes in Science subjects in IGCE/GCE. OR - Have any other qualifications accepted by the University Senate as equivalent to above
79.	Bsc. Clinical Medicine (Upgrading Module)	Diploma/Higher National Diploma in Clinical Medicine from an institution recognized by the JKUAT Senate. OR - Have any other qualifications accepted by the University Senate as equivalent to above.
80.	Bsc. Clinical Medicine (Comprehensive Ophthalmology & Cartaract Surgery)	Applicants must a) Have a Diploma in Clinical Medicine and Surgery from an institution recognized by the University Senate, OR b) Have a Higher National Diploma in Clinical Medicine and Surgery ( ophthalmic and cataract surgery ) from an institution recognized by the University Senate, OR c) Have any other qualifications accepted by the University Senate as equivalent to above. OR BSc. In Clinical Medicine.

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81.	BSc. In Physiotherapy (Direct Entry)	<p>Direct entry- A mean grade of at least C+ at K.S.C.E. or it s equivalent, with at least a “C+ “in the subject clusters indicated.</p> <p>Alternative A: Biology and Chemistry, Mathematics or Physics, English or Kiswahili</p> <p>Alternative B: Biology Sciences, Physical Sciences, Mathematics, English or Kiswahili</p> <p>Or - K.A.C.E 2 or more principals with one in Biology and in Chemistry.</p>
82.	BSc. In Physiotherapy (Mature Entry)	<p>Entry at year 2- Candidates must be holders of a Diploma in PT from a recognized Medical Training Institution or its equivalent as recognized by JKUAT.</p> <p>Entry at Year 3- Diploma in Physiotherapy, with Higher National Diploma in Health related program recognized by JKUAT. In addition, the candidates MUST be registered with the Kenya Society of Physiotherapists (KSP). Foreign trained Therapists must be registered with their respective professional associations in their respective countries of training. They must also be compliant with the KSP requirements.</p>
83.	BSc. In Occupational Therapy (Direct Entry)	<p>A mean grade of at least C+ at K.S.C.E. or it s equivalent, with at least a “C+ “in the subject clusters indicated.</p> <p>Alternative A: Biology and Chemistry, Mathematics or Physics, English or Kiswahili</p> <p>Alternative B: Biology Sciences, Physical Sciences, Mathematics, English or Kiswahili</p> <p>Or - K.A.C.E 2 or more principals with one in Biology and in Chemistry.</p>
84.	BSc. In Occupational Therapy (Mature Entry)	<p>Entry at year 2- Candidates must be holders of a Diploma in OT from a recognized Medical Training Institution or its equivalent as recognized by JKUAT. Entry at Year 3- Diploma in OT, with Higher National Diploma in Health related program recognized by JKUAT. In addition, the candidates MUST be registered with the Kenya Occupational Therapists Association (KOTA). Foreign trained Therapists must be registered with their respective professional associations in their respective countries of training. They must also be compliant with KOTA requirements</p>

## LIST OF JKUAT PROGRAMMES AND THE REQUIREMENTS

### SCHOOL OF BIOMEDICAL SCIENCES

S/No.	Programme	Requirements
85.	BSc. Applied Bioengineering	KCSE C+, C+ Biology and Chemistry, C (plain) Maths or Physics
86.	BSc. Medical Biochemistry	KCSE C+, C+ Biology and Chemistry, C (plain) Maths or Physics
87.	BSc. Biochemistry and Molecular Biology	KCSE C+, C+ Biology and Chemistry, C (plain) Maths or Physics
88.	BSc. Industrial Biotechnology	KCSE C+, C+ Biology and Chemistry, C (plain) Maths or Physics
89.	BSc. Molecular Biology Option	KCSE C+, C+ Biology and Chemistry, C (plain) Maths or Physics
90.	MSc. Biochemistry	Second Class Honours (Upper Division) degree having studied Biochemistry as a major or regular subject, or other Biological Sciences.
91.	MSc. Molecular Biology and Bioinformatics	Second Class Honours (Upper Division) degree having studied Biochemistry or Mathematics or Statistics or Computer Science or other Biological Sciences.
92.	MSc Agricultural and Environmental Biotechnology	Second Class Honours (Upper Division) degree having studied Biochemistry or Biotechnology or Biological Science
93.	MSc Medical Biotechnology	Second Class Honours (Upper Division) degree having studied Biochemistry or Biotechnology or Biological Science.
94.	MSc Pharmacology (Drug design and development)	Second Class Honours (Upper Division) degree having studied Biochemistry or Bachelor of Pharmacy or other degrees in medical sciences
95.	MSc Molecular medicine	Second Class Honours (Upper Division) degree having studied Biochemistry or Bachelor of Pharmacy or other degrees in medical sciences
96.	PhD Molecular medicine	MSc degree having studied Biochemistry or Bachelor of Pharmacy or medical sciences

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97.	BSC Medical Microbiology	(Min entry Grade C+) Cluster Subjects(Maths C-, CHEM/PHY C-, ENG/KISW C-Geog/Agric C-)OR Relevant Diploma/Higher National Diploma
98.	Self-Sponsored	
99.	GoK Students	
100.	MSc.Infectious Diseases & Vaccinology	Second class honors upper division with at least 15 credit hours of microbiology coursework or second class honors lower division with at least two years relevant research experience in a recognized research institution
101.	MSc.Medical Microbiology	
102.	M.Sc. Virology	Second class honors upper division with at least 15 credit hours of microbiology coursework or second class honors lower division with at least two years relevant research experience in a recognized research institution
103.	M.Sc. Microbiology	
104.	M.Sc. Virology	
105.	M.Sc. Mycology	
106.	M.Sc. Mycobacteriology	
107.	PhD. Mycology	A holder of a relevant Master's degree or equivalent academic qualifications from the Jomo Kenyatta University of Agriculture & Technology or any other institution recognized by JKUAT senate
108.	PhD. Virology	
109.	PhD. Mycobacteriology	

## LIST OF JKUAT PROGRAMMES AND THE REQUIREMENTS

### SCHOOL OF NURSING

S/NO.	PROGRAMME	REQUIREMENTS
110.	BSc. Nursing	<p>K.C.S.E. Or It's Equivalent; Aggregate of C+</p> <p><i>Cluster Subjects Combined Sciences:</i></p> <p>English or Kiswahili C+ Physical Science C+</p> <p>Mathematics or Physics C+ or Biological Sciences C+</p> <p>Chemistry C+ Mathematics C+ Biology C+</p> <p>English or Kiswahili C+</p> <p>Or</p> <p>K.A.C.E; 2 or more Principals, with one in Biology and one in Chemistry</p>
111.	MSc. Nursing	<ul style="list-style-type: none"><li>• Holders of Bachelor of Science nursing from JKUAT or other universities recognized by senate and registered by the Nursing Council of Kenya (NCK) shall be admissible</li><li>• The minimum entry requirements of Masters Degrees in the Jomo Kenyatta University of Agriculture and Technology (JKUAT) shall apply.</li><li>• The common regulations for Masters Degrees in the College of Health Sciences (COHES) stipulated in the Board of Post-graduate (BPS) guidelines shall apply.</li></ul>

## LIST OF JKUAT PROGRAMMES AND THE REQUIREMENTS

### SCHOOL OF PUBLIC HEALTH

S/NO.	PROGRAMME	REQUIREMENTS
112.	BSC. Community Health & Development	KCSE Mean Grade of C+ (Plus). In addition , a student must have either of the qualifications listed below: English or Kiswahili C, Biology C, Mathematics C, Chemistry/Physics C, OR K.A.C.E. 2 relevant Principle passes one of which must be in Biology and the other in Chemistry, Physics or Mathematics OR Diploma or HND in Community Health Development, Clinical Medicine, Public Health, Human Nutrition, Pharmacy with a KCSE Mean Grade of C (Plain) and C- in Mathematics & English. OR Be a holder of any other qualification accepted by the University Senate as equivalent to any of the above.
113.	BSc. Health Records Management System	KCSE Mean Grade of C+ (Plus). In addition , a student must have either of the qualifications listed below: English or Kiswahili C, Biology C, Mathematics C, Chemistry/Physics C OR Have a Minimum 2 Principal passes in Mathematics and Biology at A' Levels. EXEMPTIONS: Applicants who hold Diploma in Health Records and Information Technology or any other equivalent qualification from an institution recognized by the JKUAT Senate may be admitted to second year of study.

### SCHOOL OF PHARMACY

S/No.	PROGRAMME	REQUIREMENTS
114.	Bachelor of Pharmacy	Mean grade of C+ with cluster of B- in the following subjects-Chemistry, Biology, Maths /physics, English/Kiswahili-provided none of the subjects has a grade below C+

**LIST OF JKUAT PROGRAMMES AND THE REQUIREMENTS**

**FACULTY OF AGRICULTURE**

<b>S/No.</b>	<b>Programme</b>	<b>Requirements</b>
115.	BSc. Agricultural Economics and Resources Development	K.C.S.E. Or It's Equivalent; Aggregate of C+ <i>Cluster Subjects Combined Sciences:</i> English or Kiswahili C+ Physical Science C+ Mathematics or Physics C+ or Biological Sciences C+ Chemistry C+ Mathematics C+ Biology C+ English or Kiswahili C+ Or K.A.C.E; 2 or more Principals, with one in Biology and one in Chemistry
116.	B.Sc. Agribusiness Management and Enterprise Development	K.C.S.E. Or It's Equivalent; Aggregate of C+ <i>Cluster Subjects Combined Sciences:</i> English or Kiswahili C+ Physical Science C+ Mathematics or Physics C+ or Biological Sciences C+ Chemistry C+ Mathematics C+ Biology C+ English or Kiswahili C+ Or K.A.C.E; 2 or more Principals, with one in Biology and one in Chemistry
117.	B.Sc. Agricultural Economics and Rural Development	K.C.S.E. Or It's Equivalent; Aggregate of C+ <i>Cluster Subjects Combined Sciences:</i> English or Kiswahili C+ Physical Science C+ Mathematics or Physics C+ or Biological Sciences C+ Chemistry C+ Mathematics C+ Biology C+ English or Kiswahili C+ Or K.A.C.E; 2 or more Principals, with one in Biology and one in Chemistry
118.	BSc Animal Health Production & Processing	Have attained a minimum aggregate C+ (Plus) in the Kenya Certificate of Secondary Education (KCSE) and a minimum grade of C+ (plus) in each of the following subjects: Biology, Chemistry, Mathematics/Physics or Geography OR C (plain) in each of the following subjects: Biological Sciences, Mathematics/Physics and C (plain) in English/Kiswahili, or 3rd Group II subject, or a Group III subject, or any Group IV or any Group V.  Alternatively, admission may also be granted to holders of diploma in related disciplines approved by the Senate, Jomo Kenyatta University of Agriculture and Technology.

**LIST OF JKUAT PROGRAMMES AND THE REQUIREMENTS**

		<p>Candidates admitted under AGR. 3 (ii) above, and having attained an aggregate of a “credit” grade or higher, may be admitted into the second year of study, while candidates having an aggregate of a “pass” grade shall be admitted into the first year of study.</p> <p>Candidates admitted for Bachelor of Science in Animal Health, Production and Processing by the Kenya Universities and Colleges Central Placement Services (KUCCPS), shall satisfy requirements for admission specified by the Body for the year</p>
119.	BSc.Food Science and Technology	
120.	BSc Food Science and Nutrition	
121.	B.Sc. Nutraceutical Sciences	
122.	B.Sc. Food Science and Postharvest Technology	
123.	B.Sc. Human Nutrition and Dietetics	
124.	B.Sc. Food service and Hospitality Management	
125.	M.Sc. Food Science and Technology	BSc. 2 <sup>nd</sup> Class Upper Division or 1 <sup>st</sup> Class honors
126.	MSc. Food Science and Nutrition	BSc. 2 <sup>nd</sup> Class Upper Division or 1 <sup>st</sup> Class honors
127.	PhD Food Science and Technology	MSc Degree certificate



**LIST OF JKUAT PROGRAMMES AND THE REQUIREMENTS**

128.	B.Sc. Horticulture	
129.	B.Sc. Environmental Horticulture and Landscaping Technology	
130.	B.Sc. Agriculture	
131.	M.Sc. Horticulture	
132.	M.Sc. Agribusiness Management	
133.	M.Sc. Landscape Planning and Conservation	
134.	M.Sc. Plant Breeding	
135.	M.Sc. Plant Health Science and Management	
136.	M.Sc. Research Methodology	
137.	PhD Horticulture	
138.	Ph.D. Landscape Planning and Conservation	
139.	B.Sc. Land Resource Planning and Management	
140.	M.Sc. Biotechnology	
141.	Ph.D. Biotechnology	
142.	Ph.D. Animal Health Production and Processing	

**LIST OF JKUAT PROGRAMMES AND THE REQUIREMENTS**

143.	Ph.D. Food Science and Nutrition	
144.	Ph.D. Agricultural and Applied Economics	