



# JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

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## MINIMUM ENTRY REQUIREMENTS FOR UNDERGRADUATE / POSTGRADUATE ACADEMIC PROGRAMMES SEPTEMBER 2016 INTAKE

Applications are invited from qualified candidates for the following Undergraduate and Postgraduate programmes due to start in September 2016 in all the Colleges, Schools/Faculty, Campuses and Centres listed below: Detailed admission requirements for specific courses (academic programmes) can be accessed on the university website: Website: [www.jkuat.ac.ke](http://www.jkuat.ac.ke)

### UNDERGRADUATE PROGRAMMES

#### COLLEGE OF ENGINEERING AND TECHNOLOGY (COETEC)

S/No	Programme	Minimum Entry Requirements
1	All Bachelor Courses	<p>KCSE with C+(plus) mean grade, and the following minimum grades in the individual cluster subjects:  <b>Alternative A:</b> Mathematics C+ (Plus)            Physics C+ (Plus)            Chemistry C+(Plus)            English/Kiswahili C+ (Plus), and            C+ (Plus) in any of the subjects in groups <b>II, III, IV</b> or <b>V</b>.</p> <p><b>Alternative B:</b> Mathematics C+ (Plus)            Physical Sciences B(Plain)            Biological Sciences B (Plain)            English/Kiswahili C+(Plus), and            C+(Plus) in any of the subjects in            groups <b>II, III, IV</b> or <b>V</b>; <b>Or</b></p> <p>Equivalent qualification obtained in other examination systems.</p> <p><b>OR</b>            Kenya Advance Certificate of Examination (KACE) with at least two (2) Principle passes of nine (9) points in Mathematics, Physics, and at least credit pass in Chemistry at KCE or equivalent,</p> <p><b>OR</b>            JKUAT Diploma with credit pass in relevant discipline/field, Or Diploma from an Institution recognized by University Senate examined by KNEC or any other body recognized by University Senate as being of equivalent status, with at least credit pass in relevant discipline. Such applicants will be eligible to join second year of study. Holders of Higher National Diploma (HND) in a relevant field, with at least credit pass, from an institution recognized by University Senate and examined by KNEC or any other examination body recognized by University Senate as being of equivalent status shall be eligible to join third year of study:</p>



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		<b>OR</b> A holder of any other qualifications recognized by the University Senate as equivalent to any of the above.
2	B.Sc. Geographic Information Science and Remote Sensing (Geomatic Engineering)-4 years)	KCSE with C+ (plus) mean grade, with at least grade C+ (plus) in Mathematics and Physics
3	Diploma in Geographic Information Science –  (18 Months Full time)	i) KCSE with C-(minus) mean grade, with at least grade D+ (plus) in Mathematics and English ii) KCE with Division II (Two) iii) Credit pass in any relevant certificate course with at least KCSE C- (minus) mean grade or KCE with Division III, and grade C- (minus) in Mathematics and English.

### SCHOOL OF ARCHITECTURE AND BUILDING SCIENCES (SABS)

S/No.	Programme	Minimum Requirements
1.	Diploma in Architecture (2 academic years or 6 semesters)	KCSE C(plain) mean grade or equivalent and C- (minus) in English/Kiswahili, Mathematic, Physics, geography/Drawing and Design or Art and Design or History and Government or Chemistry/ C (plain) in Physical science or KACE with one (1) principle pass in Mathematics or Physics and two (2) Subsidiary passes or equivalent qualification from any other institution recognized by the University Senate

### COLLEGE OF HEALTH SCIENCES (COHES)

S/No.	Programme	Minimum Requirements
1	<b>B.Sc. Physiotherapy (PT)</b>	<p><b>Direct entry</b> KCSE with C+ (Plus) mean grade (or equivalent), with at least a C+ (plus) in the subject clusters indicated.</p> <p><b><u>Alternative A:</u></b> Biology, Chemistry, Mathematics/ Physics, and English/ Kiswahili</p> <p><b><u>Alternative B:</u></b> Biological Sciences, Physical Sciences, Mathematics, English/Kiswahili</p> <p><b>Or</b> K.A.C.E with 2 or more principals with one in Biology and in Chemistry.</p> <p><b><u>Upgrading programme</u></b> Holders of Diploma in OT/PT from a recognized Medical Training Institution or its equivalent as recognized by JKUAT will join 2 year of study. While holders of Diploma in Physiotherapy, with HND in Health related programme recognized by the University Senate will join 3<sup>rd</sup> year of study. In addition, the candidates MUST be registered with the respective National professional bodies.</p> <p>Foreign trained Therapists must be registered with their respective professional associations in their respective countries of training/origin. They must also be compliant with all the respective KSP requirements in Kenya.</p>



		<b>(Part-time classes run on Fridays, Saturdays and Sundays)</b>
2	<b>B.Sc. Occupational Therapy (OT)</b>	<p><b>Direct entry</b> KCSE with C+ (Plus) mean grade (or equivalent), with at least a C+ (plus) in the subject clusters indicated.</p> <p><b>Alternative A:</b> Biology, Chemistry, Mathematics/ Physics, and English/ Kiswahili</p> <p><b>Alternative B:</b> Biological Sciences, Physical Sciences, Mathematics, English/Kiswahili</p> <p>Or K.A.C.E with 2 or more principals with one in Biology and in Chemistry.</p> <p><b>Upgrading program</b> Holders of Diploma in OT/PT from a recognized Medical Training Institution or its equivalent as recognized by JKUAT will join 2 year of study. While holders of Diploma in Physiotherapy, with HND in Health related programme recognized by the University Senate will join 3rd year of study. In addition, the candidates <b>MUST</b> be registered with the respective National professional bodies.</p> <p>Foreign-trained Therapists must be registered with their respective professional associations in their respective countries of training/origin. They must also be compliant with all the respective KSP requirements in Kenya.</p> <p><b>(Part-time classes run on Fridays, Saturdays and Sundays)</b></p>
3	<b>B.Sc. Public Health</b>	<p>KCSE with <b>C+ (Plus)</b> mean grade (or equivalent), and grade C (Plain) in Biology or Biological sciences and Chemistry, C - (Minus) in English/Swahili and C - (Minus) in Mathematics/ Physics,</p> <p><b>Or</b> K.A.C.E. with two (2) relevant Principle passes <b>Or</b> Diploma or HND in Clinical Medicine, Public Health, Community Health, Human Nutrition, and Pharmacy with a KCSE Mean Grade of C (Plain) and C- in Mathematics &amp; English. <b>Or</b> Be a holder of any other qualification accepted by the University Senate as equivalent to any of the above.</p> <p><b>NB: Diploma holders with Credit Pass will join 2<sup>nd</sup> year whereas HND holders will join 3<sup>rd</sup> year of study respectively.</b> (Full time &amp; Part time on Fridays, Saturdays and Sundays)</p>
4	<b>B.Sc. Community Health and Development</b>	<p>KCSE with C+ (Plus) mean grade (or equivalent), and grade C+ (Plus) in Biology or Biological sciences, C (Plain) in English/Swahili, and C (Plain) in any two: Mathematics, Chemistry or Physics OR Mathematics, physical Science, Geography/Agriculture.</p> <p><b>Or</b> K.A.C.E. with two (2) relevant Principle passes <b>Or</b> Diploma or HND in Community Health Development, Clinical Medicine, Public Health, Human Nutrition, and Pharmacy with a KCSE Mean Grade of C (Plain) and C- (minus) in Mathematics &amp; English. <b>Or</b> - Be a holder of any other qualification accepted by the University Senate as equivalent to any of the above.</p> <p><b>NB: Diploma Holders with Credit Pass will join 2<sup>nd</sup> year whereas HND holders will join 3<sup>rd</sup> year of study respectively.</b> (Part-time classes on Fridays, Saturdays and Sundays)</p>
5	<b>B.Sc. Health Records Management and Informatics</b>	<p>KCSE with C+ (Plus) mean grade. In addition, applicants must have either of the qualifications listed below:</p>



		<p><b><u>Alternative A</u></b></p> <p>English/Swahili C</p> <p>Biology C</p> <p>Mathematics C</p> <p>Chemistry /Physics C</p> <p><b><u>Alternative B</u></b></p> <p>English/Swahili C</p> <p>Biological Sciences C</p> <p>Mathematics C</p> <p>Physical Sciences C</p> <p><b>Or KACE with 2 Principle passes in Physics Mathematics and Biology or equivalent</b></p> <p><b>EXEMPTIONS:</b> 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 <b>Note:</b> Successful applicants will report in September 2016.</p>										
6	<b>Bachelor of Radiography: Direct Entry Applicants (for the full-time 4-year programme)</b>	<p>KCSE with C+ (plus) mean grade. In addition, applicants must have the following alternative combinations of cluster subjects, at the minimum grades shown:</p> <table> <thead> <tr> <th><b>Alternative A</b></th> <th><b>Alternative B</b></th> </tr> </thead> <tbody> <tr> <td>Physics C+</td> <td>Biological Sciences B –</td> </tr> <tr> <td>Biology C+</td> <td>Physical Sciences B –</td> </tr> <tr> <td>Mathematics or Chemistry C+</td> <td>English/Kiswahili C+</td> </tr> <tr> <td>English/Kiswahili C+</td> <td></td> </tr> </tbody> </table> <p><b>Or</b> have a minimum of 2 principle passes in Physics and Biology at KACE or equivalent qualifications.</p>	<b>Alternative A</b>	<b>Alternative B</b>	Physics C+	Biological Sciences B –	Biology C+	Physical Sciences B –	Mathematics or Chemistry C+	English/Kiswahili C+	English/Kiswahili C+	
<b>Alternative A</b>	<b>Alternative B</b>											
Physics C+	Biological Sciences B –											
Biology C+	Physical Sciences B –											
Mathematics or Chemistry C+	English/Kiswahili C+											
English/Kiswahili C+												
7	<b>Bachelor of Radiography; Upgrading Module (Part Time)</b>	<p>Applicants <b>must</b> have a Diploma or HND in Medical Imaging Science from an institution recognized by the University Senate</p> <p><b>NB: Learning for the upgrading module will be done on Fridays, Saturdays and Sundays.</b></p>										
8	<b>B.Sc. Medical Microbiology</b>	<p>KCSE with C+ (Plus) mean grade. In addition, applicants must have either of the qualifications listed below:</p> <p><b><u>Alternative A</u></b></p> <p>Biology C+</p> <p>Mathematics C-</p> <p>Chemistry C-</p> <p><b>Or KACE with 2 Principle passes in science subjects one of which must be Biology, or equivalent qualifications recognized by University Senate.</b></p> <p><b>Or</b> a Diploma in relevant science subjects from an institution recognized by the University Senate.</p> <p><b>Or</b> any other qualifications accepted by the University Senate as equivalent to any of the above.</p> <p><b>EXEMPTIONS:</b> Diploma Holders with Credit Pass will be eligible to join 2<sup>nd</sup> year, whereas HND holders will be eligible to join 3<sup>rd</sup> year of study</p>										



		respectively.																				
9	<b>B.Sc. Medical Laboratory Sciences – Direct Entry</b>	<p>KCSE with C+ (Plus) mean grade. In addition , applicants must have the following alternative combinations of cluster subjects , at the minimum grades shown:</p> <table border="0"> <tr> <td colspan="2"><u><b>Alternative A</b></u></td> <td colspan="2"><u><b>Alternative B</b></u></td> </tr> <tr> <td>Biology</td> <td>C+</td> <td>Biological Sciences</td> <td>B-</td> </tr> <tr> <td>Chemistry</td> <td>C+</td> <td>Physical Sciences</td> <td>B-</td> </tr> <tr> <td>Mathematics/Physics</td> <td>C</td> <td>English/Swahili</td> <td>C+</td> </tr> <tr> <td>English/Swahili</td> <td>C+</td> <td></td> <td></td> </tr> </table> <p><b>Or KACE with 2 Principle passes in Biology and Chemistry, or equivalent qualifications recognized by University Senate.</b></p>	<u><b>Alternative A</b></u>		<u><b>Alternative B</b></u>		Biology	C+	Biological Sciences	B-	Chemistry	C+	Physical Sciences	B-	Mathematics/Physics	C	English/Swahili	C+	English/Swahili	C+		
<u><b>Alternative A</b></u>		<u><b>Alternative B</b></u>																				
Biology	C+	Biological Sciences	B-																			
Chemistry	C+	Physical Sciences	B-																			
Mathematics/Physics	C	English/Swahili	C+																			
English/Swahili	C+																					
10	<b>B.Sc. Medical Laboratory Sciences – Mature Entry Applicants (Upgrading Module)</b>	<p>Applicants must have a Diploma/Higher National Diploma in Medical Laboratory Technology from an institution recognized by the JKUAT Senate.</p> <p><i>NB: Learning for this module will be done on Fridays, Saturdays and Sundays.</i></p>																				
11	<b>B.Sc. Applied Bioengineering</b>	<p>KCSE with C+ (plus) mean grade, and grade C+ (plus) in Biology or Biological Sciences and Chemistry. In addition, applicants must have passed either Mathematics or Physics / Physical Science with a minimum grade of C (plain), or have a minimum of 2 Principle passes in Biology and Chemistry at KACE or equivalent, or have a Diploma in relevant science subjects with at least a credit pass from an institution recognized by the University Senate.</p>																				
12	<b>B.Sc. Medical Biochemistry</b>	<p>KCSE with C+ (plus) mean grade, and grade C+ (plus) in Biology or Biological Sciences and Chemistry. In addition, applicants must have passed either Mathematics or Physics / Physical Science with a minimum grade of C (plain), or have a minimum of 2 Principle passes in Biology and Chemistry at KACE or equivalent, or have a Diploma in relevant science subjects with at least a credit pass from an institution recognized by the University Senate.</p>																				
13	<b>B.Sc. Biochemistry and Molecular Biology</b>	<p>KCSE with C+ (plus) mean grade, and grade C+ (plus) in Biology or Biological Sciences and Chemistry. In addition, applicants must have passed either Mathematics or Physics / Physical Science with a minimum grade of C (plain), or have a minimum of 2 Principle passes in Biology and Chemistry at KACE or equivalent, or have a Diploma in relevant science subjects with at least a credit pass from an institution recognized by the University Senate.</p>																				
14	<b>B.Sc. Industrial Biotechnology</b>	<p>KCSE with C+ (plus) mean grade, and grade C+ (plus) in Biology or Biological Sciences and Chemistry. In addition, applicants must have passed either Mathematics or Physics / Physical Science with a minimum grade of C- (minus), or have a minimum of 2 Principle passes in Biology and Chemistry at KACE or equivalent, or have a Diploma in relevant science subjects with at least a credit pass from an institution recognized by the University Senate.</p>																				
15	<b>B.Sc. Forensic Science</b>	<p>KCSE with C+ (plus) mean grade, and grade C+ (plus) in Biology and Chemistry. In addition, applicants must have passed either Mathematics or Physics with a minimum grade of C (plain), or have a minimum of 2 Principle passes in Biology and Chemistry at KACE or equivalent, or have a Diploma in relevant science subjects with at least a credit pass from an institution recognized by the University Senate.</p>																				



**COLLEGE OF HUMAN RESOURCE DEVELOPMENT (COHRED)**

**SCHOOL OF ENTREPRENEURSHIP, PROCUREMENT AND MANAGEMENT (SEPM)**

1.	Bachelor of Human Resource Management	i)	KCSE with C+ (plus) mini grade, and at least C (plain) in both Mathematics and English or equivalent examination) certificate.	<p>3 Years Full-time (trimester course) at JKUAT Main Campus-Juja</p> <p><b>OR</b></p> <p>3 Years Part-time (Weekdays-evening from 5pm-8pm and Saturdays from 8am-11am) at JKUAT Main Campus-Juja <b>only</b> for Bachelor of Human Resource Management.</p>
2.	Bachelor of Science in Entrepreneurship	ii)	KACE with Two (2) Principle passes and one subsidiary pass, and at least a credit pass in Mathematics at KCE. Or	
3.	Bachelor of Science in Public Administration and Leadership	iii)	A Diploma or professional certificate in a relevant discipline from an institution recognized by the University Senate. Or	
4.	Bachelor of Science in Innovation and Technology Management	iv)	Any other qualification accepted by the University Senate as equivalent to any of the above.	
5.	Bachelor of Science in Project Management	<p><b>N/B: Middle level entry requirement;</b></p> <p><b>(Only JKUAT Diploma in Purchasing and Supplies Management and Diploma in Human Resource Management holders with credit and above will be eligible to join 2<sup>nd</sup> year of study).</b></p>		
6.	Bachelor of Science in Strategic Management			



1.	Diploma in Human Resource Management	i) KCSE with C-(minus) mean grade with at least D+ (plus) in Mathematics and English. Or	1 ½ Years Full-time at JKUAT Main Campus
2.	Diploma in County Governance	ii) KCE with Division II (Two); iii) Credit pass in any relevant certificate course with KCSE with C-(minus) mean grade and D+ (plus) in Mathematics and English.	
1.	Certificate in County Governance	i) KCSE with D+ (plus) with at least a Pass in Mathematics and English ii) KCE with Division III (three); Or any other qualification recognized by University Senate	3 months at JKUAT Main Campus

### SCHOOL OF BUSINESS (SOB)

S/No.	Course Title	Entry Requirements	Duration & Pattern of Study
1.	Bachelor of Commerce <b>Options: Accounting, Finance, Banking, Marketing &amp; Human Resource Management.</b>	<ul style="list-style-type: none"> <li>- KCSE with C+ (plus) mean grade, and grade C (plain) in Mathematics and English. Or</li> <li>- KACE with two (2) Principle passes and at least a credit pass in Mathematics at KCE. Or</li> <li>- A Diploma in Management with a credit pass from an institution recognized by the University Senate with KCSE C (plain) mean grade; <b>Or</b> any other qualification recognized by University Senate</li> </ul> <p><b><u>N/B:</u> Middle level entry requirement;</b></p> <p><b> Holders of CREDIT PASS in Diploma in Business Administration from JKUAT will be eligible to join the Bachelor of Commerce in 2<sup>nd</sup> year of study.</b></p>	3 years Full-time at JKUAT Main Campus  OR - 3 years part-time (Weekdays –evenings 5pm and Saturdays)



1.	Bachelor of Science in Banking and Finance	<p>KCSE with C+ (plus) mean grade, and at least grade C (plain) in Mathematics and English;</p> <p>KACE with two (2) Principle passes and at least a credit pass in Mathematics at KCE</p> <p>A Diploma in Management with a credit pass from an institution recognized by the University, with KCSE with C (plain) mean grade.</p> <p>Professional Certification in Accounting and Finance such as <b>AKIB, CPA, ACCA, CIMA &amp; CISA.</b></p> <p><b><u>N/B:</u> Middle level entry requirement;</b></p> <p><b>Candidates wishing to join the Bachelor of Science in Banking and Finance 2<sup>nd</sup> year must be holders of CREDIT PASS in Diploma in Business Administration from JKUAT</b></p>	<p>3 years Full-time at JKUAT Main Campus</p> <p style="text-align: center;">OR</p> <p>- 3 years part-time (Weekdays –evenings 5pm and Saturdays)</p>
2.	Bachelor of Business Information Technology	<p>KCSE with C+ (plus) mean grade, and at least grade C (plain) in Mathematics and English;</p> <p>KACE with two (2) Principle passes and at least a credit pass in Mathematics at KCE</p> <p>A Diploma in Management with a credit pass from an institution recognized by the University, with KCSE with C (plain) mean grade.</p> <p><b><u>N/B:</u> Middle level entry requirement:</b></p> <p><b>Candidates wishing to join the Bachelor of Business Information Technology in 2<sup>nd</sup> year of study must be holders of CREDIT PASS in Diploma in Business Information Technology from JKUAT.</b></p>	<p>3 years Full-time at JKUAT Main Campus</p> <p>3 years part-time (Weekdays –evenings 5pm and Saturdays)</p>





1. 2. 3. 4.	<b><u>DIPLOMA PROGRAMMES</u></b> Diploma in Business Information Technology  Diploma in Business Administration  Diploma in Microfinance  Diploma in Sales and Marketing	<ul style="list-style-type: none"> <li>- KCSE with C-(minus) mean grade, with at least D+ (plus) in Mathematics and English;</li> <li>- KCE with Division II (two);</li> <li>- Credit pass in any relevant certificate with at least KCSE D+ (Plus) mean grade, and grade D+ (plus) in Mathematics and English;</li> <li>- KCE with Division III (three), with at least D+ (plus) in Mathematics and English.</li> </ul>	1 ½ Years Full-time at JKUAT Main Campus
1.	Bachelor of Science in Economics	<ul style="list-style-type: none"> <li>- KCSE with C+ (plus) mean grade, and at least grade C+ (plus) in Mathematics and C (Plain) in English respectively, or equivalent examination;</li> <li>- KACE with two (2) Principle passes and subsidiary pass and a minimum of credit in Mathematics at KCE</li> <li>- Any other qualification accepted by the University Senate as equivalent to any of the above.</li> </ul>	3 years Full-time at JKUAT Main Campus  OR 3 years part-time (Weekdays –evenings 5pm and Saturdays)

**SCHOOL OF COMMUNICATION AND DEVELOPMENT STUDIES (SCDS)**

<b>DEPARTMENT OF MEDIA TECHNOLOGY AND APPLIED COMMUNICATION</b>			
S/NO.	Course Title	Entry Requirements	Duration & Pattern
1.	Bachelor of Mass Communication	KCSE with C+ (plus) mean grade, and at least grade C (plain) in English or Kiswahili and a pass in Mathematics  OR KACE with two Principle passes and subsidiary pass in general paper and a minimum of credit pass in Mathematics at KCE.	3 years Full-time at JKUAT Main Campus  OR 3 years part-time (Weekdays –evenings 5pm and Saturdays)
2	Bachelor of Journalism	OR A Diploma in Mass Communication with minimum of credit pass from JKUAT or from an institution recognized by the University Senate.	
3	Bachelor of Corporate Communication and Development	OR Any other qualification accepted by the University Senate as equivalent to any of the above.	



		<p><b><u>N/B:</u> Middle level entry requirement:</b></p> <p><b>Candidates wishing to join the Bachelor of Mass Communication in 2<sup>nd</sup> year of study must be holders of CREDIT PASS in Diploma in Mass communication from JKUAT.</b></p>	
1.	Diploma in Mass Communication	<p>KCSE with C-(minus) mean grade, with at least grade C- (minus) in English or Kiswahili and a pass in Mathematics</p> <p>OR</p> <p>KCE with Division II (two), with credit pass in English or Kiswahili</p> <p>OR</p> <p>KCSE with C-(minus) mean grade plus a relevant certificate with credit pass</p> <p>OR</p> <p>Any other qualification accepted by the University Senate as equivalent to any of the above.</p>	1 1/2 years Full-time at JKUAT Main Campus
2.	Diploma in Public Relations		OR
<b>DEPARTMENT OF DEVELOPMENT STUDIES</b>			
1.	Bachelor of Development Studies	<p>KCSE with C+ (plus) mean grade, and at least grade C (plain) in English or Kiswahili and a pass in Mathematics</p> <p>OR</p> <p>KACE with two (2) Principle passes and subsidiary pass in general paper and at least a credit pass in Mathematics at KCE.</p> <p>OR</p> <p>A Diploma in Community Development with minimum of credit pass from JKUAT or from an Institution recognized by the University Senate.</p> <p>OR</p> <p>Any other qualification accepted by the University Senate as equivalent to any of the above.</p>	3 years Full-time at JKUAT Main Campus
	Bachelor of Public Management		OR
2.	Bachelor of Community		3 years part-time (Weekdays –evenings 5pm and Saturdays)
3.	Development and Environment		
1.	Diploma in Community Development	<p>KCSE with C- (minus) mean grade, and at least grade D+ (plus) in English or Kiswahili and Mathematics</p> <p>OR</p> <p>KCE with Division II (two) with credit pass in English or Kiswahili</p> <p>OR</p>	1 1/2 years Full-time at JKUAT Main Campus
2.	Diploma in Public Relations		OR
			1 1/2 years part-time (Weekdays –evenings 5pm and Saturdays)



		KCSE with C-(minus) plus a relevant certificate with credit pass OR Any other qualification accepted by the University Senate as equivalent to any of the above.	
<b>Centre for Foreign Language and Linguistics</b>			
1.	Bridging Course in English	KCSE with C –(minus) mean grade and above	3 months full-time at JKUAT Main Campus
2.	Bridging Course in Kiswahili	KCSE with C –(minus) mean grade and above	3 months full-time at JKUAT Main Campus
3.	Chinese	K.C.S.E certificate or any other Senate approved qualification	12 weeks/Full time/Part-time and Weekend
4.	Japanese	K.C.S.E certificate or any other Senate approved qualification	12 weeks/Full time/Part-time and Weekend
5.	Germany	K.C.S.E certificate or any other Senate approved qualification	12 weeks/Full time/Part-time and Weekend
6.	French	K.C.S.E certificate or any other Senate approved qualification	12 weeks/Full time/Part-time and Weekend

#### DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

S/No.	Course Title	Entry Requirements	Duration & Pattern of Study
1	Diploma in Information Science	KCSE with C- Minus Mean Grade and at least D+ Plus in English and Mathematics	1 1/2 years Full-time at JKUAT Main Campus OR 1 1/2 years part-time (Weekdays –evenings 5pm and Saturdays)

#### COLLEGE OF PURE AND APPLIED SCIENCE PROGRAMMES

SR.#	Programme	Minimum Requirements
1	B.Sc. Industrial Chemistry	KCSE with C+ (plus) mean grade. In addition, applicants must have passed <b>Chemistry</b> with grade C+ (plus), and passed any two of the following alternatives with grades shown: <b>Biology C-, Physics C- and Mathematics C- (BCM pass)</b>



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		<p>OR</p> <p>Two (2) Principle passes in science subjects at KACE or equivalent certification/qualifications.</p> <p>OR</p> <p>A Diploma with relevant science subjects from an institution recognized by the University Senate,</p> <p>OR</p> <p>Any other qualifications accepted by the University Senate as equivalent to any of the above.</p> <p><b>NB: Diploma holders with at least Credit Pass will be eligible to join 2<sup>nd</sup> year of study.</b></p>		
2	B.Sc. Analytical Chemistry	<p><b>KCSE with C+ (plus) mean grade.</b> In addition, applicants must have the following combination of cluster subjects and attained grades shown:</p> <p>:</p> <p><b>Chemistry C+ (plus), Physics C-(minus) and Mathematics C-(minus)</b></p> <p>OR</p> <p>Two (2) Principle passes in science subjects at KACE or equivalent certification/qualifications.</p> <p>OR</p> <p>A Diploma with relevant science subjects from an institution recognized by the University Senate,</p> <p>OR</p> <p>Any other qualifications accepted by the University Senate as equivalent to any of the above.</p> <p><b>NB: Diploma holders with at least Credit Pass will be eligible to join 2<sup>nd</sup> year of study and HND holders will be eligible to join 3<sup>rd</sup> year of study respectively.</b></p>		
3	B.Sc. Biotechnology	<p><b>KCSE with C+ (plus) mean grade.</b> In addition, applicants must have passed <b>Biology</b> with grade <b>C+(plus)</b> and attained grades <b>C- (Minus)</b> in any two of the following subjects: <b>Chemistry, Physics and Mathematics (BCM pass) Geography/Agriculture;</b></p> <p>OR</p> <p>Two (2) Principle passes in science subjects at KACE or equivalent certification/qualifications;</p> <p>OR</p> <p>A Diploma with relevant science subjects from an institution recognized by the University Senate,</p> <p>OR</p> <p>Any other qualifications accepted by the University Senate as equivalent to any of the above.</p> <p><b>NB: Diploma holders with at least Credit Pass will be eligible to join 2<sup>nd</sup> year of study and HND holders will be eligible to join 3<sup>rd</sup> year of study respectively.</b></p>		
4	B.Sc. Mathematics and Computer Science	<p><b>KCSE with C+ (plus) Mean Grade.</b> In addition, applicants must have EITHER of the following alternative combinations of cluster subjects, at the minimum grades shown with grade <b>C+ (plus)</b> in Mathematics:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Alternative A</b></p> <p>Chemistry C-</p> <p>Physics C-</p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Alternative B</b></p> <p>Physical Science C-</p> <p>Biological Science C-</p> </td> </tr> </table> <p>Two (2) Principal passes in science subjects at KACE or equivalent certification/qualifications.</p> <p><b>OR</b></p> <p>A Diploma with relevant science subjects from an institution recognized by the University Senate,</p> <p><b>OR</b></p> <p>Any other qualifications accepted by the University Senate as equivalent to any of the above.</p> <p><b>NB: Diploma holders with Credit Pass will be eligible to join 2<sup>nd</sup> year, whereas HND holders will be eligible to join 3<sup>rd</sup> year of study respectively.</b></p>	<p><b>Alternative A</b></p> <p>Chemistry C-</p> <p>Physics C-</p>	<p><b>Alternative B</b></p> <p>Physical Science C-</p> <p>Biological Science C-</p>
<p><b>Alternative A</b></p> <p>Chemistry C-</p> <p>Physics C-</p>	<p><b>Alternative B</b></p> <p>Physical Science C-</p> <p>Biological Science C-</p>			



5	B.Sc. Control and Instrumentation	<p><b>KCSE with C+ (plus) Mean grade.</b> In addition, applicants must have grade <b>C+ (plus)</b> in Physics and must have attained at least grade <b>C- (minus)</b> in the following cluster subjects:  Pass in any two of the following as shown: <b>Biology, Chemistry and Mathematics;</b>  OR  Two (2) Principle passes in science subjects at KACE or equivalent certification/qualifications;  OR  A Diploma with relevant science subjects from an institution recognized by the University Senate,  OR  Any other qualifications accepted by the University Senate as equivalent to any of the above.  <b>NB: Diploma holders with Credit Pass will be eligible to join 2<sup>nd</sup> year, whereas HND holders will be eligible to join 3<sup>rd</sup> year of study respectively.</b></p>
6	B.Sc. Actuarial Science	<p><b>KCSE with C+ (plus) Mean grade.</b> In addition, applicants must have attained at least <b>C+ (plus)</b> in the following combinations of cluster subjects:  <b>Mathematics and English;</b>  OR  Two (2) Principle passes in science subjects at KACE or equivalent certification/qualifications;  OR  A Diploma relevant science subjects from an institution recognized by the University Senate,  OR  Any other qualifications accepted by the University Senate as equivalent to any of the above.</p>
7	B.Sc. Financial Engineering	<p><b>KCSE with C+ (plus) Mean grade.</b> In addition, applicants must have attained at least <b>C+ (plus)</b> in the following combinations of cluster subjects:  <b>Mathematics and English;</b>  OR  Two (2) Principle passes in science subjects at KACE or equivalent certification/qualifications;  OR  A Diploma in relevant science subjects from an institution recognized by the University Senate,  OR  Any other qualifications accepted by the University Senate as equivalent to any of the above.</p>
8	B.Sc. Biostatistics	<p><b>KCSE with C+ (plus) Mean grade.</b> In addition, applicants must have the following alternative combinations of cluster subjects, with the minimum grades shown:  <b>Mathematics C+ (plus) English C+(plus) and Biology C-(minus)/Biological Sciences C(plain)</b>  OR  Two (2) Principle passes in science subjects at KACE or equivalent certification/qualifications;  OR  A Diploma with relevant science subjects from an institution recognized by the University Senate,  OR  Any other qualifications accepted by the University Senate as equivalent to any of the above.  <b>NB: Diploma Holders with Credit Pass will Join 2nd Year Level</b>  **This course offers statistical techniques and methodology for design of experiments, analysis of data and other areas of statistics within life sciences. **</p>
9	B.Sc. Statistics	<p><b>KCSE with C+ (plus) Mean grade.</b> In addition, applicants must have the following alternative combinations of cluster subjects, with the minimum grades shown:  <b>Mathematics C+ and English C+</b>  OR</p>



		<p>Two (2) Principle passes in science subjects at KACE or equivalent certification/qualifications; OR A Diploma relevant science subjects from an institution recognized by the University Senate, OR Any other qualifications accepted by the University Senate as equivalent to any of the above. <b>NB: Diploma holders with Credit Pass will join 2<sup>nd</sup> year of study.</b> **This course focuses on statistical science and its application to real problems. Statistical techniques and methodologies including collecting, compilation and designing of experiments and analysis of data are handled. **</p>
10	B.Sc. Microbiology	<p><b>KCSE with C+ (plus) Mean grade.</b> In addition, applicants must have grade <b>B-(minus) in Biology, Mathematics, Chemistry</b> and either <b>English, Kiswahili, Physics, Geography/Agriculture</b> OR Two (2) <b>Principle passes</b> in Science subjects at <b>KACE or equivalent certification/qualification</b>, one of which must be <b>Biology</b> OR A Diploma in relevant subjects from an institution recognized by the University Senate OR Higher National Diploma with a credit pass in a <b>Microbiology related subject</b> from an institution recognized by the University senate OR Any other qualifications accepted by the University Senate as equivalent to any of the above.  <b>NB: Diploma holders with Credit Pass will be eligible to join 2<sup>nd</sup> year, whereas HND holders will be eligible to join 3<sup>rd</sup> year of study respectively.</b></p>
11 12 13	B.Sc. Genomic Science B.Sc. Environmental Science B.Sc. Fisheries and Aquaculture Sciences	<p><b>KCSE with C+ (plus) Mean grade.</b> In addition, applicants must have attained grade <b>C+ (plus) in Biology or Biological Sciences.</b>  Applicants must have also passed any two subjects from the following alternatives with grades shown;  <b>Alternative A</b> Chemistry C + Mathematics C+  <b>Alternative B</b> Physical Science C+ Mathematics C+  A Diploma/HND in relevant subjects from an institution recognized by the University senate</p>
1	Bridging Certificate in Mathematics	<ul style="list-style-type: none"> <li>• KCSE with C+ (plus) Mean grade for those aspiring to pursue Degree or Diploma Courses;</li> <li>• KCSE with C (plain) Mean grade for those aspiring to pursue Certificate Courses.</li> </ul>
2	Bridging Certificate in Chemistry, Biology & Physics	<ul style="list-style-type: none"> <li>• KCSE with C+ (plus) Mean grade for those aspiring to pursue Degree or Diploma Courses;</li> <li>• KCSE with C (plain) for those aspiring to pursue Certificate Courses.</li> </ul>
<b>SR.#</b>	<b>Programme</b>	<b>Minimum Requirements</b>



1	B.Sc. Computer Science	KCSE with C+ (plus) Mean grade and an average grade A- (Minus) in one of the following two combinations of three subjects taken in KCSE (or equivalent examination); <i>either</i> Mathematics, Physics, Chemistry <b>OR</b> Mathematics, Physical Sciences, Biological Sciences.
2	B.Sc. Computer Technology	KCSE with C+(plus) Mean grade 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 <b>OR</b> Mathematics, Physical Sciences, Biological Sciences.
3	B.Sc. Information Technology – Stage I. (Stage II options available) – (Full time & Part Time)	KCSE with C+ (plus) Mean grade, with at least grade C (plain) in English and Mathematics; OR Diploma in Information Technology with pass; OR Diploma in Management and Information Technology with pass; OR <b>KACE with Two (2) Principle passes</b> An overall PASS in: -JKUAT-Diploma Information Technology -JKUAT-Diploma in Management and Information Technology <b>-K.S.P. S:</b> Ordinary and Advanced Diplomas in Information Technology <b>Or</b> the equivalent qualification approved by the University Senate.
4	B.Sc. Business Computing	KCSE with C+ (plus) Mean grade, and grade C (plain) in Mathematics and English; OR Two (2) Principle passes at Kenya Advanced Certificate of Education A pass in JKUAT-Diploma in Management and I.T.
<b>SR.#</b>	<b>Programme</b>	<b>Minimum Requirements</b>
1	Diploma in I.T. Stage I Full-time	<ul style="list-style-type: none"> <li>• KCSE with C (Plain) Mean grade, and grade C- (minus) in English and Mathematics; OR</li> <li>• KCE with Division II (Two), with credit in English and Mathematics; OR</li> <li>• KACE with a subsidiary pass in mathematics; OR</li> <li>• Or the equivalent qualification approved by the University Senate.</li> </ul>
2	Diploma Stage II Full-time	- A Distinction/credit pass in JKUAT Information Technology Certificate.
3	Certificate in I.T. Full-time	KCSE with C- (minus) Mean grade; OR KCE with Division III (Three).
	Certificate in ICT. Fundamentals (3 Months Full-time)	KCSE with D+ (Plus) Mean grade, with grade D (Plain) in Mathematics and English or above in KCSE or -KCE with Division III with Passes in Mathematics and English or An Equivalent qualification recognized by the University senate.
<b>SR.#</b>	<b>Programme</b>	<b>Minimum Requirements</b>
1	CISCO Certified Networking Associate (CCNA) Module 1-4	KCSE and an interest in IT with basic Computer Skills. (Those awaiting KCSE results can also apply)
2	IT Essentials: PC Hardware Software	KCSE and an interest in IT. (Those awaiting KCSE results can also apply)
3	CISCO Certified Networking Associate (CCNA) Security	Understanding of Computer Networking a prerequisite
	Cyber Security and CCNA SECURITY	All CCNA security applicants must have passed CCNA Routing and Switching
	Health Information Networking – (HIN)	All HIN Applicants must have passed CCNA Routing and Switching
4	Certified Information Security Manager (CISM)	Relevant Undergraduate Degree in the field of Business or IT
5	Certified Information Systems Auditor(CISA)	Relevant Undergraduate Degree in the field of Business or IT



## FACULTY OF AGRICULTURE

S/No	Programme	Minimum Requirements
1	B.Sc. Food Science & Technology	KCSE with C+ (Plus) mean grade, and at least grade <b>C (plain)</b> in the following subjects: Biology, Chemistry, Mathematics/Physics/Geography <b>OR</b> C (plain) in each of the following subjects: Biological Sciences, Physical Sciences/ Mathematics/Geography <b>OR</b> Diploma in Food Technology from an Institution recognized by University Senate.
2	B.Sc. Food Science & Nutrition	
3	B.Sc. Food Service & Hospitality Management	
4	B.Sc. Human Nutrition and Dietetics	
5	B.Sc. Horticulture	KCSE with C+ (Plus) mean grade, and at least grade <b>C (plain)</b> in the following subjects: Biology, Chemistry, Mathematics/Physics/Geography, <b>OR</b> C (plain) in each of the following subjects: Biological Sciences, Physical Sciences/ Mathematics/Geography <b>OR</b> Diploma in Horticulture or Agriculture, from an Institution recognized by University Senate.
6	B.Sc. Environmental Horticulture and Landscaping Technology	
7	B.Sc. Agriculture	
11	B.Sc. Animal Health Production & Processing	KCSE with C+ (Plus) mean grade, and at least grade <b>C (plain)</b> in the following subjects: Biology, Chemistry, Mathematics/Physics/Geography <b>OR</b> C (plain) in each of the following subjects: Biological Sciences, Physical Sciences/ Mathematics /Geography <b>OR</b> Diploma in Animal Health, Animal Husbandry/Production Agriculture, and related disciplines or equivalent from an Institution recognized by University Senate.
12	B.Sc. Land Resources Planning and Management	KCSE with C+ (plus) Mean grade, and at least <b>grade C (plain)</b> in the following subjects: Biology, Chemistry, Mathematics/Physics/Geography <b>OR</b> C (plain) in each of the following subjects: Biological Sciences, Physical Sciences/ Mathematics /Geography <b>OR</b> Diploma in Animal Health, Animal Husbandry/Production Agriculture, and related disciplines or equivalent from an Institution recognized by University Senate.

## POSTGRADUATE PROGRAMMES

COURSE LEVELS	MINIMUM ENTRY REQUIREMENTS	DURATION OF STUDY
<b>Masters</b>	1. A Bachelor's degree with at least 2 <sup>nd</sup> Class Honours (Upper Division) from JKUAT or a University/Institution recognized by the University Senate in relevant fields.  2. A Bachelor's Degree with at least Second Class Honours (Lower Division) from JKUAT or a University/Institution recognized by the University Senate, in relevant fields with proven research abilities and or at least three years' experience.  3. A Bachelor's Degree with a Pass in relevant fields with proven research abilities and or at least five years' working experience.  4. Postgraduate Diploma from JKUAT or a University/Institution recognized by University Senate in relevant	2 years





	field. 5. Any other qualifications from an institution recognized by the University Senate as equivalent to 1, 2 and 3 above in relevant fields.	
<b>Doctorates</b>	1. Master's degree from JKUAT or any University/Institution recognized by JKUAT senate in a relevant field(s).	3 years
<b>Postgraduate Diplomas</b>	1. A Bachelor's degree with at least Second Class Honours from JKUAT or University/ Institution recognized by the University Senate.  2. A Bachelor's degree with a Pass from JKUAT or a University/Institution recognized by the University Senate, and proven work related experience in relevant field for at least three years.	1 year

For more details regarding the entry requirements, duration of study and mode of teaching for coursework please check in the JKUAT website at [www.jkuat.ac.ke](http://www.jkuat.ac.ke).

### **MODE OF APPLICATION**

#### **UNDERGRADUATE PROGRAMMES**

Applications should be made on prescribed forms obtainable from the office of the respective Principal/Dean/Director/School/Faculty/Campus upon payment of a non-refundable application fee of Kshs. 1,500 for Bachelors programmes, Ksh. 1000 for Diploma programmes and Ksh.500 for Certificate programmes. The deadline for submission of application is **Friday, 5<sup>th</sup> August, 2016.**

For more information, contact:

#### **POSTGRADUATE PROGRAMMES**

Applications should be made on prescribed forms obtainable from JKUAT office of the Director, Board of Postgraduate Studies OR from the respective Campuses upon payment of a non-refundable application fee of Kshs.1, 500/- Cash or at Barclays Bank AC/NO 077-5001216.

The application forms may also be downloaded from the JKUAT website.

Original payment receipt should be given by Cashier at JKUAT Finance office upon payment of the application fee or upon presenting the bank pay in slip.

The duly completed 3 forms, 3 passport photo size, 3 copies of certificates, 3 copies of transcripts, 3 copies of receipt should be returned to: The Director, Board of Postgraduate Studies, JKUAT, P.O. BOX 62000-00200, NAIROBI, OR to the respective campuses NOT later than **Friday 5<sup>th</sup> August, 2016.**

**For more information, please contact:**



*JKUAT is ISO 9001:2008 and 14001:2004 certified  
Setting Trends in Higher Education, Research and Innovation*

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