

	PROGRAMME	ADMISSION REQUIREMENTS	MODE OF STUDY	DURATION	CAREER PROSPECTS
1.	Bachelor of Science in Agricultural Extension and Education	<p>A minimum of Grade C+ (Plus) at KCSE and C+ in C+ (plus) in the following subjects:</p> <ol style="list-style-type: none"> 1. Biology 2. Chemistry/Agriculture 3. Mathematics or Physics or Geography 4. ENG/KIS <p>or</p> <p>3rd group II or Group III or any Group IV or any Group V.</p> <ul style="list-style-type: none"> • A diploma in agriculture or related discipline with a credit and above from a recognized institution. • Two Principals and One Subsidiary Pass at “A” level. 	Full time	Four Academic years	<ol style="list-style-type: none"> 1. Apply theoretical and practical skills in crop and animal production in agricultural farms and institutions. 2. Conduct extension servicing, consultancy and training to the farming community in the aspects of agricultural production, processing and marketing. 3. Effectively plan and teach agriculture and biology in secondary schools, tertiary institutions and agricultural Institutions. 4. Design and carry out basic and applied research in agriculture, agricultural education and extension geared towards improving crop and animal production, their processing and marketing. 5. Formulate and review policy guidelines on the roles and limitations of agriculture, agricultural education and extension in county and national development 6. Pursue advanced training in relevant areas of specialization in the agricultural, agricultural education or extension fields.

2.	Bachelor of Science in Agricultural Economics and Resource Management	<ul style="list-style-type: none"> • A minimum of Grade C+ (Plus) at KCSE with the following subject qualifications: <ol style="list-style-type: none"> 1. Mathematics- C (Plain), 2. Biology C (Plain)/ Agriculture- C+/ Business Studies - C+ (plus) or • A diploma in Agricultural economics, Agribusiness Management, Farm Management, Agriculture, or other related disciplines from a recognized institution • Two Principals and One Subsidiary Pass at “A” level. 	Full time	Four Academic years	<ol style="list-style-type: none"> 1. Effectively carry out the key tasks in Agricultural sector 2. Teach and conduct relevant research to help in effective decision making in agricultural economics and resource management 3. Effectively solve emerging problems and challenges in agricultural economics and resource management 4. Analyze and explain the physical, ecological, agricultural and rural policy of Kenya and carry out effective extension work among farmers Initiate and run their own individual enterprises and consultancy 5. Pursue advanced training in relevant areas of specialization in the agricultural economics or resource management.
3.	Bachelor Science in Microbiology	<ul style="list-style-type: none"> • A minimum of Grade C+ (Plus) at KCSE and the following subject qualifications: <ol style="list-style-type: none"> 1. Mathematics – C (plain) 2. Biology – C+ (plus) 3. Chemistry – C (plain) <p style="text-align: center;">OR</p> 	Full time	Four Academic years	<ol style="list-style-type: none"> 1. Students graduating with Bachelor of Science in Microbiology can be employed in Research Institutions as Technologists in solving emerging issues in Health, Agriculture and Environmental protection. 2. Can effectively work in various nation and international organization for Environment Safety, Food Safety

		<ul style="list-style-type: none"> • KNEC Diploma in Science /Applied Sciences or its equivalent from a recognized institution <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • Two principal and One subsidiary pass at “A” level in Science subjects 			<p>and Regulation as Quality Analysts and Regulatory Agents.</p> <ol style="list-style-type: none"> 3. Can work as Forensic Experts 4. Can also work in health institutions as health experts 5. Teach and conduct relevant research to help high learning institutions achieve their mandates.
4	Bachelor of Science in Environmental Health	<ul style="list-style-type: none"> • A minimum of Grade C+ (Plus) at KCSE and C+ (plus) in the following subjects: <ol style="list-style-type: none"> 1. Mathematics or Physics 2. Chemistry 3. Biology 4. English/Kiswahili <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • KNEC Diploma/Higher Diploma in Environmental Health or its equivalent from a recognized institution <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • Two principal and One subsidiary pass at “A” level in Science subjects 	Full time	Four Academic years	<ol style="list-style-type: none"> 1. Bachelor of Science in Environmental Health can work Housing and Sanitation sector as Environmental Health experts in Safety, Disease Prevention and Control. 2. They can also work in Food industry as Food Hygiene analytis, food safety officers, food technologists. 3. In health sectors Health inspectors, health promotion practitioners, health surveyors, occupational health and safety officers. Teaching and doing Research in the Universities
5.	Bachelor of Science	<ul style="list-style-type: none"> • A minimum of Grade C+ (Plus) at KCSE with a C (plain) in: <ol style="list-style-type: none"> 1. Mathematics 2. Biology/Chemistry/Physics 	Full time	Four Academic years	<ol style="list-style-type: none"> 1. Bachelor of Science prepare students to be Data Analysts, Accountants in Banks and Insurance Companies. 2. Archivists, Curators and Museum workers: This involves the creation of educational programs and curate

		<p>3. Any other subject from Group III</p> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • KNEC Diploma or its equivalent from a recognized institution 			<p>exhibits about science. A degree in science experience at a museum through an internship or volunteer experience makes you a more competitive candidate.</p> <p>3. Can work as Laboratory Technologists in respective area of specialization.</p> <p>4. Can work in industries such as Energy Sector, Regulatory Agencies, Forensic Experts, metrological Departments and Government Consultants</p> <p>5. Teaching and doing Research in the Universities</p>
6.	Bachelor of Science with Education	<ul style="list-style-type: none"> • A minimum mean grade of C+ (Plus) at KCSE with; <ol style="list-style-type: none"> 1. C (plain) in Mathematics 2. C (plain) in Biology/Physics/Chemistry <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • KNEC Diploma in Science /Applied Sciences or its equivalent from a recognized institution <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • Two principal and One subsidiary pass at “A” level in Science subjects 	Full time	Four Academic years	<ul style="list-style-type: none"> • Teaching in Public (employment by the Teachers Service Commission, TSC) and Private Schools. This includes; <ol style="list-style-type: none"> 1. Colleges where lecturers are experts in their subject areas and must have a Bachelor of Science with Education. 2. A bachelor's of science in education is a necessity for teachers in higher elementary grades and science, technology, engineering and mathematics (STEM) programs. 3. Middle school level where teachers are experts in their subject area and introduce students to higher-level concepts in life science and other domains.

					<p>Instructional coordinators direct the organization and implementation of a school, district, or state curriculum.</p> <ul style="list-style-type: none"> • They may work with elementary or secondary schools, colleges, or other educational organizations. • Archivists, Curators and Museum workers: This involves the creation of educational programs and curate exhibits about science. A degree in science experience at a museum through an internship or volunteer experience makes you a more competitive candidate.
7.	Bachelor of Science in Computer Science	<ul style="list-style-type: none"> • A minimum mean grade of C+ (Plus) at KCSE with: <ol style="list-style-type: none"> 1. Mathematics – C (plus) 2. Physics or Physical Science– (plus) 3. English/Kiswahili- C (plain) <p style="text-align: center;">OR</p> • Two principal passes, One of which must be in Mathematics or Physics at “A” level <p style="text-align: center;">OR</p> • KNEC Diploma in Computer Studies or its equivalent from a recognized institution. 	Full time	Four Academic years	<ol style="list-style-type: none"> 1. Bachelor in Computer Science is such course that provides a good career to the students. The field of computer science involves the study of computers and computational systems. 2. Computer scientist deals with software and software system which involves their theory, design, development and application. In this course, students learn about software programming, computer architecture, networking etc. 3. BSc Computer Science graduates get job opportunities in many industries such as Educational Institutes, Forensic Science, software development, Insurance companies, Biotechnology, Petrochemical industry and many more. 4. After the completion of the degree, the student can go for masters to further enhance his skills in this field or can do a professional training course to directly

					<p>join the job arena. The professional training course can be chosen according to the field of interest and the job one wants to join. The professional training involves courses like Java programmer, UX Design, Digital Marketing, Business Analytics, Data Visualization, Computer system Analysis etc.</p> <p>5. The BSc computer science graduate can get a lucrative salary package. Some of the top jobs that require BSc computer science graduates are Full stack web developer, Mobile app developer, software engineer, system administrator, system architect, Business development manager etc.</p> <p>6. Students can also go for higher education after this degree. They can opt for the courses like MSc computer science, MSc Data Analytics, MSc Data Science, and Masters in computer applications (MCA) etc.</p>
8.	Bachelor of Science in Applied Statistics with computing	<ul style="list-style-type: none"> • A minimum mean grade of C+ (Plus) at KCSE with: <ol style="list-style-type: none"> 1. Mathematics- C+ 2. Physics – C (plain) 3. English/Kiswahili – (plain) OR • KNEC Diploma in Applied statistics or equivalent from a recognized institution. 	Full time	Four Academic years	<p>1. Applied Statistics with computing is more diverse and more superior to pure statistics. Common employment destinations include Actuarial Analyst in Insurance Providers, Business Analyst in Telecommunications, Associate in Compensation Consulting Firms, Associate Risk Consultant in High Tech Manufacturers, Consulting Associate in Software Developers, Data & Incentives Analyst in Technology Integration</p>

					<p>Companies, Data Specialist in Marketing Services and Financial Analyst in Energy Producers. Other popular fields of employment include Transportation & Logistics, Consulting Firms (Actuarial, Compensation & Benefits), Marketing & Consumer Research, Hospitals & Medical Research Organizations, Financial Services & Accounting, Universities, Insurance, Government (Ministry of finance, Kenya National Bureau of Statistics)</p> <ol style="list-style-type: none">2. After the completion of the degree, the student can go for masters to further enhance his skills in this field or can do a professional training course to directly join the job arena, this includes Masters of Science in Statistics, Actuarial Science, Epidemiology, Accounting or Taxes, Bioinformatics, Business Administration and Chartered3. Financial Analyst.
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