JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
WESTLANDS CAMPUS

WISHES TO INTRODUCE THE FOLLOWING NEW COURSES

A. DEPARTMENT OF HUMAN RESOURCE DEVELOPMENT

1. DOCTOR OF PHILOSOPHY IN PROJECT MANAGEMENT

Introduction:

Projects have always played an important role in the development and introduction of new products and technology, and are increasingly becoming the dominant means by which many countries, institutions and companies execute their strategy and operations. Project management has evolved into a skill set required for Managers in all areas of Business, Industry, Government and education.

Objectives:

The program is designed to provide the student with knowledge and practical experience in planning, organizing, and managing projects in ways that stimulate human creativity and productivity. The student will learn that projects are the vehicles to introduce change into complex systems and that managing that process requires business, technical and people skills.

Target group:

Project Managers and Members of Project teams; Project coordinators, Senior project Analysts, Donor Coordination officers, Development Consultants, programme Managers, company executives and students aspiring to work as Project Management Professionals.

Qualifications:

Either

- Be a holder of Masters Degree in Project Management from JKUAT or its equivalent from a University recognized by the University Senate.

OR

- Be a holder of a Masters Degree in a relevant discipline from JKUAT or its equivalent from a University recognized by the University Senate.

Duration and mode study:

3 years program:

- Course work – 12 months
- Evening (Mon-Fri) OR weekends (Sat.& Sun)
- Holiday based – April, August and December holidays.
- Research and Thesis – 24 months
DOCTOR OF PHILOSOPHY IN ECONOMICS

Introduction:

Postgraduate training in economics is critically important in terms of facilitating proper Economic decision making and efficient management of the economy. Government officers, business managers who make top strategic economic decisions and those involved in economic policy dialogues, designs, analysis, appraisal and implementation need to have adequate economic skills.

Objectives:

The program is designed to provide students with a flexible set of analytic skills by combining a strong foundation in economic theory with applied research so that students will be able to apply both theory and research analytic skills in both work place and educational settings. The students will be able to succeed in a wide variety of management, analyst, and research positions in business, government, and non-profit enterprises.

Target group:

The program targets those who wish to advance academically and professionally in Economic sciences with specialization in such areas as Economics, finance, and Development. Specifically the program target professional and working people in the fields of economics and statistics who wish to broaden their knowledge and expertise.

Qualifications:

Either

- Be a holder of Masters Degree in Economics from JKUAT or its equivalent from a University recognized by the University Senate.

OR

- Be a holder of a Masters Degree in a relevant discipline from JKUAT or its equivalent from a University recognized by the University Senate.

Duration and mode study:

3 years program:

- Course work – 12 months
- Evening (Mon-Fri) OR weekends (Sat.& Sun)
- Holiday based – April, August and December holidays.
- Research and Thesis – 24 months
MASTER OF SCIENCE IN GOVERNANCE AND LEADERSHIP

Introduction:

The above course will be offered in both Westlands Campus and Arusha - Tanzania and is aimed at preparing the students to acquire skills, knowledge and understanding in order to offer constructive and strategic governance and leadership. They will be leaders who can be looked upon to offer solutions in the challenges facing the globe due to poor governance and leadership.

Target Group:

This course is aimed for personnel working as leaders in the Government, NGOs, International Organizations, UN, EAC, Universities, Parastatals, private sectors, and consultants in leadership and development and any other institution that requires objective leadership and governance.

Objective:

The students will acquire knowledge and skills covering internationally accepted principles of administering/governing sound devolved government systems, legal instruments and institutional arrangements essential for successful discharge of the functions of government structures, leadership theory, models and standards processes relevant to leadership and governance, strategies and instruments for embedding social, environmental and human rights in all phases and steps of leadership process and governance, management of the public resources for development works and services including innovative community empowerment modalities like entrepreneurship, self employment, partnerships and e-government, risk leadership, control and reporting techniques in governance operations and they will also be able to impress inclusive leadership and governance in government structures.

Qualifications:

Either

- Bachelors degree with at least Second class Honours (Upper Division) or equivalent from a recognized university OR
- Bachelors degree with Second Class Honours (Lower Div.) plus at least THREE years relevant experience. OR
- Bachelors degree with pass plus at least FIVE years relevant postgraduate experience.

Duration and mode study:

2 years program:

- Course work – 12 months
- Evening (Mon-Fri) OR weekends (Sat.& Sun)
- Holiday based – April, August and December holidays.
- Project – 4 months

PARTIAL SCHOLARSHIPS

The successful applicants will be eligible for partial scholarships.
4. EXECUTIVE MASTER OF SCIENCE IN LEADERSHIP AND GOVERNANCE

Introduction:

Executive Master of Science in Leadership and Governance explores the devolved government structures, community development, national and county leadership and governance practices of a modern state political system. The programme is designed as a blended learning opportunity that combines policy/theory prescriptions with applied assignments and research work. It provides participants with direct access to expertise from academia, devolved governments in the world, think tanks and the political systems. It prepares them for a range of executive leadership and functions connected with diligent governance and supervision county/state.

Target Group:

- Public administration practitioners, managers and officials from ministries, local authorities and public private bodies.
- Public leaders and CEOs from the public and private sector.
- Professional trainers involved in the development and implementation of leadership and governance structures.
- Policy practitioners from the private sector.

Objective:

The overall objective of this Executive Master’s programme is to bridge the current deficit in qualified human resources and to enable professional administrators to cope with the challenges of leading, governing, executing, conducting and monitoring public and private affairs of county/state politically, economically and socially.

Qualifications:

Either:

- Be a holder of a Bachelors degree with or its equivalent from an institution recognized by the University Senate with three (3) years experience. OR
- Must be already in leadership and Governance positions or show proof of relevant post-qualification work experience in leadership. OR
- Holders of Higher National Diploma/ Professional qualifications with relevant long serving experience MAY be considered.

Duration and mode study:

1 year program:
- Course work – 12 months
- Evening (Mon-Fri.) OR weekends (Sat.& Sun)
- Holiday based – April, August and December holidays.
- Project – 4 months
5. **MASTER OF SCIENCE IN SUPPLY CHAIN MANAGEMENT**

**Introduction:**

The Master’s in Supply Chain Management impacts learners with the ability to manage and coordinate the movement of materials, information and funds across the supply chain. This flow is bi-directional. It touches every function of commerce: marketing, sourcing, manufacturing, logistics, inventory management, information technology and customer relations. It’s about the people, processes and technology that propel products through the economy.

This course will equip learners with the knowledge and techniques to be an effective agent for effective supply chains or networks, to compete in the global market and networked economy.

**Target Group:**

- Managers or other public or private sector professionals overseeing implementation of projects / programmes.
- Professionals managing procurement functions, logistics, Transportation, Import/Export coordination and change managers in the private or public sectors.
- Professionals in various public bodies/institutions who wish to adopt the supply chain skills to approach their work, departments or institutions in either production or service sectors.
- Managers working in the NGOs and Community Based Organizations’ and are desiring to professionalize Supply Chains of such institutions.
- Professional trainers involved in the development of products and services.

**Objective:**

The students will be able to apply a structure or foundation for designing and managing broad supply chains that relies on the fundamental concepts in inventory management, the value of information on logistics management. They will apply knowledge and skills they will acquire in areas of operations management, logistics, procurement and information technology and strive for an integrated approach.

**Qualifications:**

*Either:*

- Bachelors degree with at least Second class Honours (Upper Division) or equivalent from a recognized university. **OR**
- Bachelors degree with Second Class Honours (Lower Div.) plus at least **THREE** years relevant experience. **OR**
- Bachelors degree with pass plus at least **FIVE** years relevant postgraduate experience

**Duration and mode study:**

2 years program:

- Course work – 12 months
- Evening (Mon-Fri) **OR** weekends (Sat.& Sun)
- Holiday based – April, August and December holidays.
- Project – 4 months
6. MASTER OF SCIENCE IN MONITORING AND EVALUATION

Introduction:

Monitoring and evaluation (M&E) is one of the essential elements of sound management of projects and programs. Any organization involved in funding, supporting or implementing development projects or programs wants to know to what extent the activities are implemented according to plan and to what extent these activities bring about the intended results. In most cases there is a formal or informal system that provides information about progress of activities and results to help in identification of successes and risks as they occur and assists the management and other stakeholders in steering the intervention in the right direction.

Target Group:

This is a cross-cutting programmes designed for those who are involved or tasked with the design, implementation management of monitoring and evaluation of public and private programmes and other interventions. More specifically the course targets the following:

- Researchers and consultants tasked with evaluation studies.
- M&E officers in government, industry and civil society organizations.
- Project managers in government research and planning units.
- NGO employees involved in social, health and educational research activities.
- Social policy analysts and advisers.
- Other interested individuals from public and private sectors.

Objective:

The program is designed to equip practitioners, project partners or external evaluators with the knowledge and expertise to be able to conduct their own planning, monitoring, evaluation and reporting which is critical to any organisation or government department involved in development projects and programmes.

Qualifications:

Either:

- Bachelors degree with at least Second class Honours (Upper Division) or equivalent from a recognized university. **OR**
- Bachelors degree with Second Class Honours (Lower Div.) plus at least **THREE** years relevant experience. **OR**
- Bachelors degree with pass plus at least **FIVE** years relevant postgraduate experience

Duration and mode study:

2 years program:

- Course work – 12 months
- Evening (Mon-Fri.) **OR** weekends (Sat.& Sun)
- Holiday based – April, August and December holidays.
- Project – 4 months
7. **BACHELOR OF SCIENCE IN CRIMINOLOGY AND SECURITY**

**Introduction:**

The above course is aimed at equipping the students to work in areas of security, loss prevention, forensic technology, cyber crimes and criminal investigation.

**Target Group:**

This course is designed specifically for personnel working in the military, police force, prisons, security firms, wildlife, security officers, courts and IT firms.

**Objective:**

The students will be equipped with knowledge on how to handle and meet the demands of the current criminal justice needs/gap and the emerging use of cyber crimes technology to commit crime.

**Qualifications:**

- The applicants must be officers serving in the disciplined forces for at least six (6) years and must satisfy the following minimum requirements:

**Either:**

- KCSE Mean Grade C+ (plus) and C in Mathematics and English (or equivalent) **OR**
- KACE with 2 Principal passes and a minimum of a Credit Pass in Mathematics at KCE **OR**
- A accredited Diploma in Management and with a credit pass that is recognised by the University senate **OR**
- An equivalent qualification recognised by the University Senate.

**Duration and mode study:**

The course will take 3 years (trimester) and will be a day programme **OR**
Evening (Mon-Sat.) **OR**
Weekends (Sat.& Sun)
Holiday based – April, August and December holidays.
8. BACHELOR OF ARTS IN CORPORATE COMMUNICATION AND MANAGEMENT

Introduction:

Corporate communication and management includes all the processes of facilitating information and knowledge exchanges with and between internal and key external groups and individuals that have a direct relationship with the organization. The course will offer the students a quality learning experience in the contemporary, interesting and stimulating communication and management field.

Target Group:

This course is designed for Corporate affairs personnel, Corporate communication staff, Internal and external communication strategists, Event Managers, Public Relations Officers, Digital and Social Media officers, self employed and any other related field.

Objective:

The students will be grounded in the key disciplines of communication science, organizational psychology and business management. They will be equipped to play a meaningful role in this exciting area with solid theoretical knowledge backed with strong problem solving, critical thinking and strategic skills linked to communication at both an individual and societal level in a socially responsible and creative way.

Qualifications:

Either:

- Be a holder of KCSE (or equivalent examination) certificate with a minimum aggregate of C+ and a minimum of C in either English or Kiswahili and a pass in Mathematics. **OR**
- Be a holder of KACE certificate with a minimum of two principal passes and subsidiary pass in general paper. **OR**
- Be a holder of Diploma in Mass Communication, Diploma in Public Relations, Diploma in purchasing, Diploma in business and information technology, Diploma in business administration and Diploma in Community Development with minimum of credit pass from JKUAT or from an institution recognized by the University Senate

Duration and mode study:

The course will take 3 years (trimester) and will be a day programme **OR** Evening (Mon-Sat.) **OR** Weekends (Sat.& Sun) **OR** Holiday based – April, August and December holidays.
9. DIPLOMA IN HOTEL AND CATERING MANAGEMENT

Introduction:

Diploma in Hotel and Catering Management is a course developed to broaden graduates’ knowledge and enhance their understanding of the hospitality industry. It is designed to provide graduates with sound business skills as well as a thorough understanding of the dynamic hospitality industry and how to apply the knowledge and skills to deepen their enquiry, problem-solving and decision-making skills.

Objectives:

- Ensure that the graduates produced are well versed with past, current, and emerging management practices, to suit the needs of a dynamic and constantly changing hospitality industry.
- Ensure that graduates are well equipped with knowledge and skills to enable them handle all the aspects of hospitality industry.
- To empower the graduates with knowledge to be able to develop enquiry, problem-solving and decision-making skills.
- To produce graduates who are creative and innovative and be able to develop strong business plans for viable enterprises and self-employment.

Target Group:

i. Those employed in institutions such as hotels/restaurants, airlines, hospitals, schools, colleges/universities, NGOs/CBOs, prisons, armed forces and working in food production, service and management areas without prior training.
ii. School leavers wishing to pursue a career in Hotel and Catering Management.
iii. Those operating medium and small enterprise in fresh foods such as food kiosks, shops-in-shops, outside catering, milk bars, and other similar retail outlets.
iv. Those managing fresh and ready-to-eat food retail sections and water dispensers in supermarkets and hypermarkets.

Entry Requirements:

A candidate wishing to be admitted into the Diploma programme in Hotel and Catering Management must satisfy;

Qualifications:

Either:

- Be a holder of KCSE (or equivalent examination) certificate with a minimum aggregate of C (Plain) and a minimum of C- in either English or Kiswahili. OR
- Alternatively, admission shall be granted to holders of Certificate in Hotel/Hospitality/Catering Management (with credit and above) from any other institutions recognized by the University Senate. OR
- Holders of Certificate in Hotel/Hospitality/Catering Management and related courses with a pass shall be considered provided the candidate can produce evidence that he/she has worked continuously and gained relevant experience of at least one year post-graduation. Such candidates shall enter the program at the first stage of study.
10. ACCELERATED DEGREE, DIPLOMA AND CERTIFICATE PROGRAMS IN GOVERNANCE AND LEADERSHIP

Introduction:

Governance and leadership studies is an emerging discipline in Kenya given the New constitutional dispensation 2010 that is geared towards devolved government administration. There is therefore a dire need to develop competencies that meet both County, National and international standards for the stakeholders at both County and National Government levels.

Target Group:

The program targets Members of National Assemblies, County Representatives and Administrators at both National and county levels.

Objective:

The program provide broad competencies needed in governance and leadership by focusing on the skills, knowledge, values and attitudes required to be effective in fundamental government operations both at National and County levels.

Duration and mode study:

Holiday based – April, August and December holidays.
1. MASTER OF SCIENCE IN BUSINESS INFORMATION TECHNOLOGY

Introduction:
This course is aimed at closing the capability gap between technology practitioners and generic managers to produce individuals who are equipped to operate in the corporate environment, yet be aware of the nature of the technology and be able to interact with specialists to deliver successful IT projects. It is suitable for individuals with a management background wishing to specialize in the area of Information System technology or technology specialists wishing to move into managerial roles.

Target Group:
The course targets ICT graduates and professionals from the industry, academia, civil service, business enterprises, and other non-industrial organizations.

Objectives:
1. Analyze and apply the principles involved in managing in an information technology environment
2. Be an effective 'hybrid manager' in applying IT to support business needs
3. Critically evaluate technological developments and make informed recommendations on suitable technology adaptations for strategic advantage.
4. Effectively lead and supervise the strategic technology transformation projects at an enterprise level.

Qualifications:
A candidate must satisfy any of the following minimum requirements:
- Be a holder of a bachelor's degree in Information Technology, Business Information Technology, Computer Science, Computer Technology, Information Systems, Mathematics and Computer Science with at least Upper Second Class honours or its equivalent from an institution recognised by the University Senate.

OR

- Be a holder of a Bachelor's degree in Information Technology, Business Information Technology, Computer Science, Computer Technology, Information Systems, Mathematics and Computer Science with Lower Second Class honours provided the candidate can show proven evidence of research ability or three (3) years relevant experience in a relevant field.

OR

- Be a holder of a bachelor's degree with PASS in Information Technology, Business Information Technology, Computer Science, Computer Technology, Information Systems, Mathematics and Computer Science from a recognized University provided such candidates have relevant work experience of five (5) years

Duration
The Msc BIT programme shall be offered in two academic years. The first academic year will comprise twelve (12) course units while the second academic year will comprise six (6) course units, Industrial attachment and a Research Project. A candidate will be deemed to have passed an academic year after successful completion of all the units offered in that year. In order to proceed to the second academic year, a candidate must have passed all the units offered in the first academic year.

Mode of Study
Either

Evening (Monday – Saturday) OR
Weekends (Saturday & Sunday) OR
Holiday based – April, August and December holidays.
C. DEPARTMENT OF DEPARTMENT OF BASIC AND APPLIED SCIENCES

1. MASTER OF SCIENCE IN SOCIAL STATISTICS

Introduction:

The above course is aimed at equipping the learners to work in the areas of Research, Communication, Mechanical and Social Sciences.

Target Group:

Those working in government, education, psychology, public health, market research, with an interest in advancing their skills in data collection, summary, analysis, interpretation and presentation.

Objectives:

The learners will be equipped with knowledge on how to compute basic statistics as appropriate for the data at hand, presentation of the data using appropriate graphs, analyze the data using appropriate statistical method and interpret statistical reports.

Qualifications:

Either:

- Be a holder of a bachelor’s degree with at least Upper Second Class Honours in any discipline or its equivalent from an institution recognized by the University Senate OR
- Be a holder of a Bachelors degree with Lower Second Class Honours in any discipline provided the candidate can show proven evidence of research ability or three (3) years relevant experience in a relevant field OR
- Be a holder of a bachelor’s degree at pass level in any discipline from a recognized University provided such candidates have proven research ability, relevant work experience of five (5) years and their academic work show that they are well qualified to undertake postgraduate studies by passing qualifying examinations.

Duration and Mode of Study:

The course will take 2 academic years and there will be a day programme OR Evening (Monday – Saturday) OR Weekends (Saturday & Sunday) OR Holiday based – April, August and December holidays.
2. **BSC BIOSTATISTICS**

**The Goal of the Program**

The primary goal of the program is to develop undergraduate courses in biostatistics to assist in filling demonstrated need for well-trained biostatisticians.

This is based on sound training in modern statistical methodology needed to design and analyze biomedical and epidemiological research data. The Biostatistics program includes a base of theoretically sound courses complemented by practical analysis of biomedical data to prepare technically proficient biostatisticians to assist investigators with the design and analysis of their research data; and to use statistical inferences to arrive at appropriate conclusions from biomedical and other data types.

A critical distinction between the scientific approach and other methods of inquiry lies in the emphasis placed on real world validation. Biostatisticians are then called upon to defend decisions on the basis of empirical research evidence. Consequently, the biostatistician must be an intelligent component of biomedical research outcomes, able to understand, interpret, critically evaluate and apply valid results from the latest medical research. The program produces graduates with skills essential for supporting today's biomedical research for development. Thus, the program is responsive to the scientific problems encountered in public health and biomedicine.

**QUALIFICATIONS**

Each student who is registered in the Faculty of Science must have satisfied the MINIMUM requirement for admission to the Faculty, which is an average of C+ in any one of the following combinations of three subjects taken in KCSE (or equivalent examination).

(i) Mathematics, Chemistry, Biology

(ii) Mathematics, Physical Science, Biological Sciences

And must have satisfied the Departmental MINIMUM requirement for the Degree Bachelor of Science in Biostatistics:

(iii) Must have passed Mathematics in the KCSE at a minimum grade of C+, or in the JKUAT Bridging Certificate in Mathematics with a minimum grade of credit.

(iv) Must have passed English in the KCSE at a minimum grade of C+.

(v) Must have passed Biology at a minimum grade of C- or Biological Sciences at a minimum grade of C.
QUORUM:

For any class to be constituted at either day time, evening or weekend, the following will be the quorum:

1. Ph.D. - 5 Students
2. Masters - 10 Students
3. Degree, Diploma & Certificate - 20 Students

APPLICATION PROCEDURE:

Applications will be made on prescribed forms obtained from the Campus Accounts Department upon payment of non-refundable fees of Kshs 1,500/= for Ph.D, Masters, Postgraduate Diplomas & Bachelors degree Courses, 1,000/= for all Diploma Courses and Kshs. 500/= for Bridging/Certificate. Duly completed application forms with copies of certificates, transcripts/result slips, copy of ID and the copy of the application fee receipt should be returned to the Campus Administration Block by 31st AUGUST, 2014.

The Campus has three (3) intakes per year i.e. January, May and September. The next intake will be January, 2015.

LOCATION:

JKUAT Westlands Campus is located about 10km from the City Centre on the Kabarsiran Avenue off Waiyaki Way, Next to Kianda School and opposite Communications Commission of Kenya (CCK). Public transport is by mini buses (or matatu) plying routes 22, 23, 30, 105 and 131 boarded at Odeon Cinema and behind Kenya National Archives along Tom Mboya Street.

FOR MORE INFORMATION, PLEASE VISIT OR CONTACT US THROUGH:

The Principals Office Tel. Nos.+254-020-4447769/0729-958003/0708241204

Email: westlandscampus@jkuat.ac.ke, OR director.westlandscampus@jkuat.ac.ke

Website: www.jkuat.ac.ke

NB

JKUAT Westlands Campus offers systems, facilities and programs that take care and promote Gender equality and the welfare of people with disabilities.