



**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY (JKUAT)**  
**POSTGRADUATE PROGRAMMES 2016/2017 ACADEMIC YEAR- MAY 2017 INTAKE**

**ADVERTISEMENT**

Applications are invited from qualified candidates for the following postgraduate programmes for the 2016/2017 Academic Year due to start in **May 2017**.

**COLLEGE OF ENGINEERING (COETEC)**

**1. SCHOOL OF CIVIL, ENVIRONMENTAL AND GEOSPATIAL ENGINEERING (SCEGE)**

**(a) GEOMATIC ENGINEERING AND GEOSPATIAL INFORMATION SYSTEMS**

- Masters of Science. in Geospatial Information Systems (GIS) & Remote Sensing
- Masters of Science in Environmental Information Systems
- Ph.D. in the following areas:- Geodesy , -Photogrammetry, - GIS, -Remote Sensing, -Cartography , -

**(b) DEPARTMENT OF CIVIL ENGINEERING**

- Masters of Science in Civil Engineering (Options, - Water Engineering, - Transportation, - Structural Engineering

**2. SCHOOL OF BIOSYSTEMS & ENVIRONMENTAL ENGINEERING (SOBEE)**

**a) SOIL, WATER & ENVIRONMENTAL ENGINEERING DEPARTMENT (SWEED)**

- Master of Science in Environmental Engineering and Management
- Master of Science in Soil and Water Engineering
- Ph.D. in Soil, Water and Environmental Engineering

**b) AGRICULTURAL AND BIOSYSTEMS ENGINEERING DEPARTMENT (ABED)**

- Master of Science in Agricultural Processing Engineering
- Master of Science in Biomechanical Engineering (Farm Power and Machinery)
- Master of Science in Biosystems Structural Engineering
- Ph.D. in the above Specializations

**3. FACULTY OF AGRICULTURE**

**(a) DEPARTMENT OF HORTICULTURE**

- Masters of Science in Horticulture
- Masters of Science in Landscape, Planning & Conservation
- Masters of Science in Plant Breeding



- Masters of Science in Plant Health Science and Management
- Masters of Science in Research Methods
- Ph.D. in Horticulture
- Ph.D. in Landscape Planning & Conservation
- Ph.D. in Plant Health Science and Management
- Ph.D. in Plant Breeding

**(b) DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY**

- Masters of Science in Food Science and Nutrition
- Masters of Science in Food Science and Technology

**(c) DEPARTMENT OF AGRICULTURE AND RESOURCE ECONOMICS**

- Masters of Science in Agricultural and Applied Economics
- Masters of Science in Agribusiness Management

**COLLEGE OF PURE AND APPLIED SCIENCES**

**4. SCHOOL OF MATHEMATICAL SCIENCES (SMS)**

**(a) DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE (STACS)**

- Postgraduate Diploma in Applied Statistics
- Masters of Science in Statistics
- Masters of Science in Applied Statistics
- Ph.D. in Applied Statistics
- Ph.D. in Biostatistics

**(b) DEPARTMENT OF PURE AND APPLIED MATHEMATICS (PAM)**

- Postgraduate Diploma in Applied Mathematics
- Postgraduate Diploma in Pure Mathematics
- Master of Science in Pure Mathematics
- Master of Science in Applied Mathematics
- Ph.D. in Applied mathematics
- Ph.D. in Pure Mathematics

**5. SCHOOL OF BIOLOGICAL SCIENCES (SBS)**

**(c) DEPARTMENT OF BOTANY**

- Masters of Science in Botany with the following seven areas of specialization: - Plant Ecology, Plant Physiology, Plant Morphology, Plant Taxonomy, Mycology, Phycology, Economic Botany.
- Masters of Science in Microbiology
- Masters of Science in Genetics
- Ph.D. in Microbiology
- Ph.D. in Plant Science.
- Ph.D. in Genetics



**(d) DEPARTMENT OF ZOOLOGY**



- Masters of Science in Zoology in the following areas:- Aquatic Ecology and Fisheries, Immunology, Agricultural Entomology, Animal Parasitology, Conservation Biology – with strong orientation to training in GIS and Environmental Impact Assessment skills
- Ph.D. in the following areas: Immunology, Animal Parasitology, Conservation Biology, Agricultural Entomology and Aquatic Ecology & Fisheries.

## 6. SCHOOL OF PHYSICAL SCIENCES

### (e) DEPARTMENT OF CHEMISTRY

- Masters of Science in Chemistry
- Masters of Science in Analytical and Environmental Chemistry
- Ph.D. in Chemistry in the following fields:- Analytical & Environmental Chemistry, Inorganic Chemistry, Organic Chemistry, and Physical Chemistry

### (f) DEPARTMENT OF PHYSICS

- Masters of Science in Applied Geophysics
- Masters of Science in Physics in the following areas:- Physics of materials, Electronics and instrumentation, Renewable energy and the environment, Optics and lasers, Geophysics, Nuclear and atomic Physics, Fundamental physics, Astrophysics and Atmospheric Physics
- Ph.D. in Physics

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

### (a) DEPARTMENT OF CONSTRUCTION MANAGEMENT

- Master of Construction Project Management

### (b) DEPARTMENT OF LAND SCAPE ARCHITECTURE

- Master of Science in Landscape Architecture
- Master of Science in Environmental Planning and Development

### (c) CENTRE FOR URBAN STUDIES

- Master of Sustainable Urban Development
- Ph.D. in the following areas: 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, Pollution, Densification and Solid Waste

## COLLEGE OF HUMAN RESOURCE AND DEVELOPMENT (COHRED)

## 8. SCHOOL OF ENTREPRENEURSHIP, PROCUREMENT & LOGISTICS (SEPM)

### (a) DEPARTMENT OF ENTREPRENEURSHIP, TECHNOLOGY, LEADERSHIP & MANAGEMENT (JUJA MAIN CAMPUS)

- Postgraduate Diploma in Human Resource Management
- Postgraduate Diploma in Entrepreneurship
  - Postgraduate Diploma in ICT Management
  - Postgraduate Diploma in Project Management
  - Postgraduate Diploma in Leadership and Governance



- Postgraduate Diploma in Strategic Management
- Postgraduate Diploma in Monitoring and Evaluation
- Masters of Science in Entrepreneurship
- Masters of Science in Human Resource Management
- Masters of Science in ICT Management
- Masters of Science in Project Management
- Masters of Science in Leadership and Governance
- Masters of Science in Strategic Management
- Master of Science in Monitoring and Evaluation
- Ph.D. in Human Resource Management
- Ph.D. in Entrepreneurship
- Ph.D. in Leadership and Governance
- Ph.D. in Project Management
- Ph.D. in Business Innovation and Technology Management
- Ph.D. in Strategic Management
- Ph.D. ICT Management

**(b) DEPARTMENT OF PROCUREMENT and LOGISTICS (JUJA MAIN CAMPUS)**

- Postgraduate Diploma in Procurement and Logistics
- Postgraduate Diploma in Procurement & Contract Management
- Postgraduate Diploma in Supply Chain Management
- Masters of Science in Procurement & Logistics
- Masters of Science in Procurement & Contract Management
- Ph. D in Supply Chain Management

**9. SCHOOL OF COMMUNICATION & DEVELOPMENT STUDIES (SCDS)**

**(a) DEPARTMENT OF DEVELOPMENT STUDIES (JUJA MAIN CAMPUS)**

- Masters of Science in Development Studies
- Masters of Science in Public Administration and Management
- Ph.D. in Development Studies

**(b) DEPARTMENT OF MEDIA TECHNOLOGY & APPLIED COMMUNICATION (JUJA MAIN CAMPUS)**

- Masters of Science in Mass Communication
- Master of Science in Conflict Management
- Master of Science in Information and Knowledge Management
- Ph.D. in Mass Communication
- Ph.D. Marketing Communication
- Ph.D. Health Communication

**10. SCHOOL OF BUSINESS (JUJA MAIN CAMPUS)**

**(a) DEPARTMENT OF BUSINESS ADMINISTRATION (JUJA MAIN CAMPUS)**

- Master of Business Administration

Options: Finance, Marketing, Accounting, Human Resource Management and Strategic Management



- Master of Business Information Technology
- Ph.D. in International Business
- Ph. D in Business Administration

**(b) DEPARTMENT OF ECONOMICS, ACCOUNTS & FINANCE (JUJA MAIN CAMPUS)**

- Masters of Science in Finance and Accounting
- Masters of Science in Finance
- Ph.D. in Finance
- Ph.D. in Accounting

**11. SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY (SCIT)**

**(a) DEPARTMENT OF COMPUTING**

- Masters of Science in Software Engineering
- Masters of Science in Computer Systems
- Masters of Science in Artificial Intelligence
- Masters of Science in Human Centered Computing
- Masters of Science in Information Technology
- Masters of Science in ICT Integration in Education and Instructional Design
- Master os Science in Business Computing
- Master of Science in Information Systems Management
- Doctor of Philosophy in Computer Science
- Doctor of Philosophy in Information Technology

**12. INSTITUTE FOR BIOTECHNOLOGY RESEARCH (IBR)**

- Masters of Science in Biotechnology
- Ph.D. in Biotechnology

**13. INSTITUTE FOR ENERGY AND ENVIRONMENTAL TECHNOLOGY (IET)**

- Post Graduate Diploma in Occupational Safety and Health
- Masters of Science in Energy Technology
- Masters of Science in Environmental Legislation and Management
- Masters of Science in Occupational Safety and Health
- Ph.D. in Energy Technology
- Ph.D. Environmental Management
- Ph.D. Environmental Technology
- Ph.D. Occupational Safety and Health

**14. SMARTEC**

- MSc. Construction Engineering and Management
- PhD. Construction Engineering and Management

**COLLEGE OF HELTH SCIENCES**

**15. ITROMID**

- Masters of Science (M.Sc) in
  1. Medical Microbiology



2. Medical Virology
3. Medical Mycology
4. Mycobacteriology
5. Medical Parasitology and Entomology
6. Molecular Medicine in the following specialization areas:
  - i. Applied Immunology
  - ii. Clinical Immunology
  - iii. Molecular Biology
7. Medicinal Phytochemistry
8. Medicinal Chemistry
9. Epidemiology
10. International Health
11. Public Health\*

.( Based at ITROMID, KEMRI Campus)

\*Program marked with an (\*) will also be available on part-time(evening and weekend) basis.

- Doctor of Philosophy (Ph.D as above.( Based at ITROMID, KEMRI Campus)

## 16. SCHOOL OF NURSING

- Doctor of Philosophy in Nursing.( Research and Thesis only)

## 17. SCHOOL OF BIOMEDICAL SCIENCES

### a) DEPARTMENT OF BIOCHEMISTRY

- Masters of Science in Biochemistry
- Masters of Science in Bioinformatics and Molecular Biology
- Masters of Science in Molecular Entomology
- Masters of Science in Molecular Parasitology
- Masters of Science in Biochemistry (Molecular Medicine option)
- Masters of Science in Medical Biotechnology
- Masters of Science in Agricultural and Environmental Biotechnology
- (Ph.D in the above Msc.

### b) DEPARTMENT OF MEDICAL LABORATORY SCIENCES

- Master of Medical Laboratory Sciences (MMLS)
- Postgraduate Diploma in Medical Laboratory Sciences (PGD in MLS)

### c) DEPARTMENT OF MEDICAL MICROBIOLOGY

- MSc. In infectious Diseases and Vaccinology
- MSc. In Medical Microbiology
- Doctor of Philosophy in Medical Microbiology
- Doctor of Philosophy in infectious Diseases and Vaccinology

## 18. SCHOOL OF OPEN, DISTANCE AND eLEARNING (SODeL)

- Master of Science in Computer Systems
- Masters in Research Methods
  - Master of Science in Applied Statistics
  - Master in Business Administration



- Master of Science in ICT (Integration and Instructional Design)
- Postgraduate Diploma in ICT (Integration and Instructional Design)
- Postgraduate Certificate in ICT (Integration and Instructional Design)
- Master of Science in Leadership and Governance
- Master of Science in Procurement and Contract management
- Master of Science in Entrepreneurship
- Master of Science in Project Management
- Master of Science in Human Resource Management
- Master of Science in Strategic Management

## **JKUAT PROGRAMMES OFFERED AT JKUAT APPROVED CENTRE – KENYA SCHOOL OF MONETARY STUDIES (KSMS)**

- Master of Finance (**MF**)
- Master of Financial Economics (**MFE**)
- Master of Economic Policy and Analysis (**MEPA**)
- Master of Public Policy Analysis(**MPPA**)
- Post Graduate Diploma in Business Science (PGDBSc)

## **19. JKUAT CAMPUSES**

### **KAREN CAMPUS**

- Masters of Science Degree in Entrepreneurship
- Masters of Science in Human Resource Management
- Masters of Science in Procurement & Logistics
- Masters of Business Administration
- Masters of Science in Mass Communication
- Masters of Science in Leadership & Governance
- Masters of Science in Development Studies
- Masters of Science in Finance
- Master of Business Information Technology
- Masters of Science in Project Management
- Masters of Science in Applied Mathematics
- Master of Science in Statistics
- Masters of Science in Computer Systems
- Ph.D. in Human Resource Management
- Ph.D. in Entrepreneurship
- Ph.D. Supply Chain Management
- Ph. D in Business Administration
- Ph. D in Mass Communication
- Ph. D in Accounting
- Ph. D in Finance
- Ph. D in Leadership & Governance

### **NAIROBI CBD CAMPUS**



- PhD Business Administration



- PhD International Business
- PhD in Entrepreneurship
- PhD Business Innovation and Technology Management
- PhD in Human Resource Management
- PhD in Supply Chain Management
- PhD in Development Studies
- Ph.D. in Mass Communication
- Ph.D. in Project Management
- Ph.D. in Finance
- Ph.D. Accounting
- Ph.D. Information Technology
- Ph.D. Computer Science
- PhD. in Leadership and Governance
- PhD. in Strategic Management
- MSc. Applied Statistics
- MSc. Applied Mathematics
- MSc. Pure Mathematics
- Pgd. Applied Statistics
- Pgd. Applied Mathematics
- MSc. Software Engineering
- MSc. In Human Resource Management
- MSc. in Entrepreneurship
- MSc in Procurement and Contract Management
- MSc. Procurement and Logistics
- MSc. Monitoring and Evaluation
- MSc. Strategic Management
- MSc. ICT Management
- MSc. In Project Management
- Masters in Development Studies
- MSc. Finance
- MSc. Finance and Accounting
- Msc. Mass Communication
- MSc. Information and Knowledge Management
- MSc. Computer Systems
- MSc. Business Information Technology
- Master of Business Administration (MBA)  
(Finance or Strategic Management options)

## WESTLANDS CAMPUS

- Ph.D. in Human Resource Management
- Ph.D. in Business Administration
- Ph.D. in Entrepreneurship





- Ph.D. in Supply Chain Management
- Ph.D. in Leadership and Governance
- Ph.D. Finance
- Ph.D. Accounting
- Ph.D. International Business
- Ph.D. in Mass Communication
- Ph.D. in Development Studies
- Ph.D. Strategic Management
- Ph.D. Project Management
- Ph.D. Information Technology
- Master of Science in Entrepreneurship
- Master of Science in Human Resource Management
- Master of Science in Procurement and Contract Management
- Masters in Business Administration
- Masters of Science in Project Management
- Master of Science in Mass Communication
- Master of Development Studies
- Masters in Governance and Leadership
- Master of Science in Finance and Accounting
- Master of Science in Finance
- Master of Science in Economics
- Master of Science in Monitoring and Evaluation
- Executive MBA
- Master of Science in Computer Systems
- Master of Science in Software Engineering
- Master of Science in Information Systems Management
- MSc. Bioinformatics and Molecular Biology
- MSc. Applied Statistics
- MSc. Social Statistics
- Post Graduate Diploma in Applied Statistics
- Post Graduate Diploma in Social Statistics

- **Post Graduate Diploma in:**
  - i) Procurement and Logistics
  - ii) Human Resource Management
  - iii) Entrepreneurship
  - iv) Project Management
  - v) Mass Communication
  - vi) Development Studies
  - vii) Governance and Leadership
  - viii) Monitoring and Evaluation,

## **MOMBASA CBD CAMPUS**

- PhD Business Administration
- Ph. D. Human Resource Management
- Ph. D. Entrepreneurship
  - Ph.D. Project Management
  - Ph.D. In information Technology



- Ph.D. Public Health
- Ph.D. International Business
- Master of Business Administration (MBA)
- Master of Science in Finance
- Master of Science in Entrepreneurship
- Master of Science in Human Resource Management
- Master of Science in Procurement & Logistics
- Master of Science in Procurement & Contract Management
- Master of Science in Logistics and Freight Management
- Master of Science in Conflict Management and Resolution
- Master of Science in Leadership and Governance
- Master of Science in Development Studies
- Master of Science in Information and Knowledge and Management
- Master of Science in ICT Management
- Master of Science in Computer Systems
- Master of Science in Information Technology
- Master of Science in Project Management
- Masters of Science In Occupational Safety & Health
- Master of Science in Environmental Legislation and Management
- Master of Science in Epidemiology
- Master of Science in Public Health
- Master of Science in International Health

## **KISII CBD CAMPUS**

- Executive MBA
- Postgraduate Diploma in applied statistics
- Postgraduate Diploma in applied Mathematics
- Masters of Science in Computer Systems
- Masters of Science in Zoology (Conservation Biology)
- Masters of Science in Botany
- Masters of Science in Micro Biology
- Masters of Science in Applied Statistics
- Masters of Science in Applied Mathematics
- Masters of Science in Public Health
- MSc. Physics
- Masters of Science in Human Resource Management
- MBA (Marketing, Finance, or Strategic Management)
- Masters of Science in Entrepreneurship
- Masters of Science in Procurement & Logistics
- Masters of Science in Microfinance
- Masters of Science in Project management
- MSc. Public Administration
- MSc. Finance



- MSc. Finance and Accounting
- Ph. D. Entrepreneurship



- Ph. D. Human Resource Management
- Ph. D. Business Administration
- Ph. D. Supply Chain Management
- Ph.D. Public Health
- Ph.D. Applied Mathematics
- Ph.D. Applied Statistics
- Ph.D. Information Technology

## **NAKURU CBD CAMPUS**

- Masters of Business Administration (Marketing, Finance, or Strategic Management ,Accounting options)
- Master of Science in Finance
- Master of Science in Finance and Accounting
- Masters of Science in Entrepreneurship
- Masters of Science in Human Resource Management
- Masters of Science in Procurement & Logistics
- Masters of Science in Project Management
- Masters of Science in Computer Systems
- Master of Science in Mass Communication
- Master of Science in Development Studies
- Masters of Science in Applied Statistics
- Postgraduate Diploma in applied statistics
- MSc. Construction Engineering and Management
- Ph.D. in Business Administration( Options; Strategic Management, Marketing, supply chain Management & Finance)
- Ph.D. in Human Resource Management
- Ph.D. in Entrepreneurship
- Ph. D. Supply Chain Management
- Ph.D. Project Management
- Ph.D. Finance
- Ph.D. Computer Science
- Ph.D. Information Technology

## **KITALE CBD CAMPUS**

- Ph.D. in Business Administration( Options; Strategic Management, Marketing ,Accounting & Finance)
- Ph.D. in Human Resource Management
- Ph.D. in Entrepreneurship
- Ph.D. Supply Chain Management
- Ph.D. Development Studies
- Ph.D. Leadership Governance
- Ph.D. Project Management
- Master of Business Administration (MBA)
- Masters of Science in Entrepreneurship
- Masters of Science in Human Resource Management



- Masters of Science in Procurement & Logistics
- Masters of Science in Project Management



- Masters of Science in ICT Management
- Masters of Science in Public Health
- Master of Science in Community Health and Development
- Executive Masters of Business Administration
- Postgraduate Diploma in Human Resource Management
- Postgraduate Diploma in Entrepreneurship
- Postgraduate Diploma in Procurement and Logistics
- Postgraduate Diploma in Development Studies
- Postgraduate Diploma in Project Management
- Postgraduate Diploma in Development Studies

## **KAKAMEGA CBD CAMPUS**

- Ph.D. in Business Administration( Options; Strategic Management, Marketing & Finance)
- Ph.D. in Human Resource Management
- Ph.D. in Entrepreneurship
- Ph. D. Supply Chain Management
- Ph.D. in Development Studies
- Ph.D. in Supply Chain Management
- Ph.D.in Leadership and Governance
- Ph.D. in Finance
- Ph.D. in Accounting
- Ph.D. Health Communication
- Ph.D. in Strategic Management
- Ph.D. Mass Communication
- Ph.D. Computer Science
- Ph.D. Information Technology
- Master of Business Administration (MBA)
- Master of Science in Entrepreneurship
- Master of Science in Human Resource Management
- Master of Science in Procurement & Logistics
- Master of Science in Project Management
- Master of Science in Development Studies
- Master of Science in ICT Management
- Executive Masters of Business Administration
- Master of Science in Computer Systems
- Master of Science in Mass Communication
- Master of Science in Finance & Accounting
- Postgraduate Diploma in Entrepreneurship
- Postgraduate Diploma in ICT Management
- Postgraduate Diploma in Procurement & Logistics
- Postgraduate Diploma in Human Resource Management
- Postgraduate Diploma in Project Management

## **ELDORET CAMPUS**



- PhD in Business Administration (Marketing Option, Strategic Management Option, Finance Option , Accounting Option & Procurement & Supply Chain Management)
- PhD in Human Resource Management
- PhD in Supply Chain Management
- PhD in Project Management
- PhD in Development Studies
- PhD in Strategic Management
- PhD in Leadership & Governance
- PhD in Accounting
- PhD in Finance
- PhD in Leadership & Governance
- PhD in Information Technology
- PhD in Computer Science
- PhD in Public Health
- PhD in Applied Statistics
- Master of Business Administration (MBA) (Marketing Option, Strategic Management Option, Finance Option, Accounting Option )
- Master of Science in Entrepreneurship
- Master of Science in Human Resource Management
- Master of Science in Procurement & Contract Management
- Master of Science in Applied Statistics
- Master of Science in ICT Management
- Master of Science in Strategic Management
- Master of Science in Development Studies
- Master of Science in Leadership and Governance
- Master of Science in Computer Systems
- Master of Science in Information Technology
- Master of Science in Project Management
- Master of Science in Finance
- Master of Science in Finance & Accounting
- Master of Science in Public Health
- Post graduate Diploma in Human Resource Management
- Post graduate Diploma in Procurement and Logistics
- Post graduate Diploma in Entrepreneurship
- Post graduate Diploma in Project Management



## **MODE OF APPLICATION**

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).

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 Receipt will be given by Cashier at JKUAT Finance office upon payment of the application fee or upon presenting the bank slip.

## **DEADLINE**

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.

### **For more information contact:**

The Director, BPS, JKUAT, Tel: 067-52711 Ext. 6114

Mobile Phone: **0708-602-225**

Email: [director@bps.jkuat.ac.ke](mailto:director@bps.jkuat.ac.ke),

Director of respective Campus **OR**

Chairman of the respective Department

