



## **JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY (JKUAT)**

### **POSTGRADUATE PROGRAMMES 2018/2019 ACADEMIC YEAR SEPTEMBER 2018 INTAKE**

Jomo Kenyatta University of Agriculture and Technology invites applications from qualified candidates for the following postgraduate programmes to be offered during the 2018/2019 Academic Year due to start in September 2018.

#### **COLLEGE OF ENGINEERING AND TECHNOLOGY (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 and Water Engineering
- Ph.D. Environmental Engineering and Management

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

- Master of Science in Agricultural Processing Engineering
- Master of Science in Biomechanical Engineering
- Master of Science in Biosystems Structural Engineering
- Ph.D. in the above Specializations

##### **3. SCHOOL OF MECHANICAL, MANUFACTURING AND MATERIALS ENGINEERING (SOMME)**

###### **Department of Mechanical Engineering**

- MSc. Mechanical Engineering (Design and Production Engineering Option)
- MSc. Mechanical Engineering (Advanced Thermodynamics and Fluids Engineering Option)
- MSc. Mechanical Engineering (Industrial Engineering Option)

- Ph.D Mechanical Engineering

**Department of Mining Materials and Petroleum Engineering (MMPE)**

- PhD Mining Engineering
- MSc. Mining Engineering
- MSc Petroleum Engineering

**Department of Mechatronic Engineering**

- Ph.D Mechatronic Engineering
- MSc. Mechatronic Engineering

**4. SCHOOL OF ELECTRICAL, ELECTRONICS AND INFORMATION ENGINEERING (SEEI)**

**a) Department of Electrical and Electronic Engineering**

- MSc. in Electrical Engineering
- PhD in Electrical Engineering

**b) Department of Telecommunication Information Engineering**

- MSc in Telecommunication Engineering
- PhD in Telecommunication Engineering

**5. SCHOOL OF ARCHITECTURE AND BUILDING SCIENCES (SABS)**

**(a) DEPARTMENT OF ARCHITECTURE**

- PhD. Architecture
- Master of Urban Design

**(b) DEPARTMENT OF CONSTRUCTION MANAGEMENT**

- Master of Construction Project Management

**(c) DEPARTMENT OF LANDSCAPE ARCHITECTURE**

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

**(d) CENTRE FOR URBAN STUDIES**

- Master of Sustainable Urban Development
- Ph.D. in Urban Planning
- Ph.D. in Urban Design

**COLLEGE OF AGRICULTURE AND NATURAL RESOURCES (COANRE)**

**1. School of Agriculture and Environmental Sciences (SOAES)**

- 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
- 2. School of Food and Nutrition Sciences (SOFNUS)**
- Masters of Science in Food Science and Nutrition
  - Masters of Science in Food Science and Technology
- 3. School of Natural Resources and Animal Sciences (SONRAS)**
- Masters of Science in Animal Nutrition
  - Master of Science in Livestock Production systems
  - Master of Science in Animal Breeding Genetics
  - Master of Science in Applied Veterinary Parasitology
  - PhD in Animal Nutrition
  - PhD in Livestock Production systems
  - PhD in Animal Breeding Genetics
  - PhD in Applied Veterinary Parasitology

## **COLLEGE OF PURE AND APPLIED SCIENCES**

### **6. SCHOOL OF MATHEMATICAL SCIENCES (SMS)**

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

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

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

- Master of Science in Pure Mathematics
- Master of Science in Applied Mathematics
- Ph.D. in Applied Mathematics
- Ph.D. in Pure Mathematics

### **7. 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. Plant Science.
- 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 of specialization; Immunology, Entomology, Agricultural Entomology, Animal Ecology and Behaviour, Conservation Biology

- Ph.D. in Zoology

## **8. 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

### **(f) DEPARTMENT OF PHYSICS**

- Masters of Science in Geophysics
- Masters of Science in Physics
- Masters of Science in Advanced Material Science and Nano-technology
- Ph.D. in Physics

## **9. 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 of Science in Business Computing
- Master of Science in Information Systems Management
- Doctor of Philosophy in Computer Science
- Doctor of Philosophy in Information Technology

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

## **10. 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 Project Management
- Postgraduate Diploma in Leadership and Governance
- Postgraduate Diploma in Strategic Management
- Postgraduate Diploma in Procurement and Contract Management
- Postgraduate Diploma in Procurement and Logistics
- Masters of Science in Entrepreneurship
- Masters of Science in Human Resource Management
- Masters of Science in Project Management
- Masters of Science in Leadership and Governance
- Masters of Science in Strategic Management
- Master of Science in Procurement and Logistics
- Master of Science in Procurement and Contract Management
- Ph.D. in Human Resource Management
- Ph.D. in Entrepreneurship

- Ph.D. in Leadership and Governance
- Ph.D. in Project Management
- Ph.D. in Supply Chain Management
- Ph.D. in Strategic Management

## **11. SCHOOL OF COMMUNICATION & DEVELOPMENT STUDIES (SCDS)**

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

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

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

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

## **12. 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

## **INSTITUTE FOR BIOTECHNOLOGY RESEARCH (IBR)**

- Ph.D. in Biotechnology
- Masters of Science in Biotechnology
- Post Graduate Diploma in Forensic DNA Science

## **13. INSTITUTE FOR ENERGY AND ENVIRONMENTAL TECHNOLOGY (IEET)**

- 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
- Ph.D. Construction Engineering and Management

### **COLLEGE OF HEALTH SCIENCES**

#### **15. SCHOOL OF PUBLIC HEALTH**

- Masters of Science (M.Sc.) in
  1. Epidemiology
  2. International Health
  3. Public Health
 (Based at Main Campus)
- Doctor of Philosophy (Ph.D. as above.( Based at Main Campus)

#### **16. SCHOOL OF NURSING**

- Master of Science in 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 Molecular and Biology Bioinformatics
- 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 all the above MSc. Programmes)

##### **b) DEPARTMENT OF MEDICAL MICROBIOLOGY**

- MSc. Medical Microbiology
- MSc. Infectious Diseases and vaccinology
- MSc. Medical Virology
- MSc. Medical Mycology
- MSc. Infection Biology
- PhD. Medical Microbiology
- PhD. Infectious Diseases and vaccinology
- PhD. Medical Virology
- PhD. Medical Mycology
- PhD. Infection Biology

#### **18. SCHOOL OF MEDICINE**

- Masters of Clinical Medicine, Clinical Oncology and Palliative care
- Masters of Clinical Medicine, Child Health and Adolescence Health
- Masters of Clinical Medicine, Maternal and Reproductive Health

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

- Master of Science in Finance
- Master of Financial Economics
- Master of Public Policy and Analysis
- Master of Economic Policy and Analysis
- Post Graduate Diploma in Business Sciences
- Master of Science in Leadership and Governance
- Master of Science in Procurement and Contract Management
- Master of Science in Procurement and Logistics
- Master of Science in ICT Integration in Education and Instructional Design
- Master of Science in Finance and Accounting
- Master of Science in Finance
- Master of Science Entrepreneurship
- Master of Science Computer Systems
- Master of Science Research Methods
- Master of Science Strategic Management
- Master of Science Human Resource Management
- Master of Science in Business Information Technology
- Master of Science in Project Management
- Master of Business Administration.

## **20. JKUAT CAMPUSES**

### **KAREN CAMPUS**

- Masters of Science 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 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 in Business Administration
- Ph. D in Mass Communication
- Ph. D in Finance
- Ph. D in Leadership & Governance

### **NAIROBI CBD CAMPUS**

- PhD Business Administration
- 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 Project Management
- Ph.D in Finance
- 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
- MSc. Social Statistic
- 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. Information and Knowledge Management
- MSc. Computer Systems
- MSc. Information Technology
- Master of Business Administration (MBA)  
(Finance or Strategic Management options)
- PGD. Applied Statistics
- PGD. Applied Mathematics or Pure Mathematics

#### **MOMBASA CBD CAMPUS**

- PhD Business Administration
- PhD in Entrepreneurship
- PhD in Human Resource Management
- PHD Project Management
- PhD in Information Technology
- PhD Public Health
- PhD Health Sciences
- PHD International Business
- 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 Contract Management
- MSc. Logistics and Freight Management
- Master of Science in Project Management
- MSc. Conflict management and Resolution
- MSc. Leadership and Governance
- MSc. Development Studies
- MSc. Information knowledge and Management
- MSc. ICT Policy and Regulation
- Master of Science in Occupational Safety and Health (MSc. OSH)
- MSc. Environmental Legislation and Management
- Master of Science in Information Technology
- Master of Science in Computer Systems
- Master of Science in Epidemiology
- Master of Science in International Health
- Master of Science in Public Health

## **KISII CBD CAMPUS**

- 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**

- PhD in Business Administration (Marketing Option, Strategic Management Option, Finance Option , Accounting Option )
- PhD in Human Resource Management (HRM)
- PhD Entrepreneurship
- Ph.D Information Technology
- Ph.D Development Studies
- Ph.D Supply Chain Management
- Master of Business Administration (MBA) (Marketing Option, Strategic Management Option, Finance Option, Accounting Option, HRM Option)
- Master of Science in Finance
- Master of Science in Human Resource Management
- Master of Science in Procurement & Contract Management
- Master of Science in Project Management
- Master of Science in Development Studies
- MSc. Information Technology

### **KITALE CBD CAMPUS**

- PhD in Human Resource Management
- PhD in Entrepreneurship
- PhD in Business Administration specializing in ( Strategic Management and Finance Options)
- PhD in Supply Chain Management
- PhD in Development Studies
- PhD in Leadership and Governance
- PhD in Project Management
- PhD in Information Technology
- Master of Science in Human Resource Management
- Master of Science in Entrepreneurship
- Master of Business Administration
- Master of Science in Development Studies
- Master of Science in Procurement and Logistics
- Master of Science in Project Management
- Master of Science in ICT Management
- Post Graduate Diploma in Procurement and Logistics
- Post Graduate Diploma in Human Resource Management
- Post Graduate Diploma in Entrepreneurship
- Post Graduate Diploma in Project Management
- Post Graduate Diploma in ICT Management
- Post Graduate 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 in Supply Chain Management
- Ph.D in Development Studies
- Ph.D in Leadership and Governance
- Ph.D in Finance
- Ph.D in Project Management
- Ph.D in Public Health
- Master of Business Administration (MBA)
- Master of Science in Entrepreneurship

- Master of Science in Strategic Management
- Master of Science in Human Resource Management
- Master of Science in Procurement & Contract Management
- Master of Science in Procurement & Logistics
- Master of Science in Finance
- Master of Science in Information and Knowledge Management
- Master of Science in Project Management
- Master of Science in Leadership and Governance
- Master of Science in Development Studies
- Master of Science in Occupational Safety and Health
- Master of Science in ICT Management
- Master of Science in ICT Policy & Regulation
- Master of Science in Computer Systems
- Master of Science in Information Technology
- Master of Science in Mass Communication
- Master of Science in Finance & Accounting
- Masters of Public Health
- MSc. Geospatial and Information System

## **ELDORET CAMPUS**

- PhD in Business Administration (Marketing Option, Strategic Management Option, Finance Option , Accounting Option)
- PhD in Human Resource Management
- PhD in Project Management
- PhD in Monitoring and Evaluation
- PhD in Supply Chain Management
- PhD in Entrepreneurship
- PhD in Development Studies
- PhD in Leadership and Governance
- PhD in Strategic Management
- PhD in Accounting
- PhD in Finance
- PhD in Applied Statistics
- PhD in Computer Science
- PhD in Information Technology
- PhD in Public Health
- Master of Business Administration (MBA) (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 Project Management
- Master of Science in Monitoring and Evaluation
- 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 Applied Statistics
- Master of Science in Finance
- Master of Science in Finance and 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 Campus of your preference by **27<sup>th</sup> July 2018**.

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

The Director, BPS, JKUAT, Tel: 067-580001, 580003,580005 Ext. 1655

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

Director of respective Campus

**OR**

Chairperson of the respective Department