



JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY (JKUAT)

POSTGRADUATE PROGRAMMES 2015/2016 ACADEMIC YEAR- SEPTEMBER 2015 INTAKE

ADVERTISEMENT

Applications are invited from qualified candidates for the following postgraduate programmes for the 2015/2016 Academic Year due to start in September 2015.

COLLEGE OF ENGINEERING

(a) DEPARTMENT OF MECHANICAL ENGINEERING

- Masters of Science in Mechanical (Advanced Thermodynamics and Fluids Engineering)
- Masters of Science in Mechanical (Design and Production Engineering)
- Masters of Science in Mechanical (Industrial Engineering)
- Doctor of Philosophy in Mechanical Engineering

(b) DEPARTMENT OF MECHATRONIC ENGINEERING

- Masters of Science in Mechatronic Engineering
- Doctor of Philosophy in Mechatronic Engineering

(c) GEOMATIC ENGINEERING AND GEOSPATIAL INFORMATION SYSTEMS

- Postgraduate Diploma in Geospatial Information Systems (GIS) and Remote Sensing
- 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, -

(d) DEPARTMENT OF BIOMECHANICAL AND ENVIRONMENTAL ENGINEERING

- Master of Science in Agricultural Processing Engineering
- Master of Science in Biomechanical Engineering (Farm Power and Machinery)
- Master of Science in Biosystems Structural Engineering
- Master of Science in Environmental Engineering and Management
- Master of Science in Soil and Water Engineering
- PhD in any of the above specializations

(e) DEPARTMENT OF CIVIL ENGINEERING

- Masters of Science in Civil Engineering (Options Global Environment & ASAL Engineering, - Water Engineering, - Transportation, - Structural Engineering)
- Ph.D in the following areas:- Water and Environmental Engineering, Transportation; Structural Engineering

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
- Ph.D. in Food Science and Nutrition (Thesis only or Coursework and Thesis)
- Ph.D. in Food Science and Technology (Thesis Only)

(c) DEPARTMENT OF AGRICULTURAL RESOURCES AND ECONOMICS

- Masters of Science in Agricultural and Applied Economics
- Masters of Science in Agribusiness Management
- Ph.D. in Agricultural and Applied Economics
- Ph.D. in Agribusiness Management

COLLEGE OF PURE AND APPLIED SCIENCES

SCHOOL OF MATHEMATICAL SCIENCES

(a) DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE

- Postgraduate Diploma in Applied Statistics
- Masters of Science in Statistics
- Masters of Science in Applied Statistics
- Ph.D. in Statistics, Econometrics, Biostatistics and related areas

(b) DEPARTMENT OF PURE AND APPLIED MATHEMATICS

- 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

SCHOOL OF BIOLOGICAL SCIENCES

(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.

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

SCHOOL OF ARCHITECTURE AND BUILDING SCIENCES (SABS)

(a) CENTRE FOR URBAN STUDIES

- Master of Sustainable Urban Development

PhD. In the following areas:

- Sustainable Urban Development
- Urban Design
- Urban Transportation
- Urban Conservation
- Urban Infrastructure
- Urban Disaster Management

(b) DEPARTMENT OF LANDSCAPE ARCHITECTURE

- Master of Landscape Architecture (MLA)
- Master of Environmental Planning & Development (MEPD)

COLLEGE OF HUMAN RESOURCE AND DEVELOPMENT (COHRED)

SCHOOL OF ENTREPRENEURSHIP, PROCUREMENT & LOGISTICS

(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 Business Innovation and Technology Management
- 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
- Masters of Science in Business Innovation and Technology 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 Business Innovation and Technology Management
- Ph.D. in Strategic 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

SCHOOL OF COMMUNICATION & DEVELOPMENT STUDIES

(c) 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

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

- Masters of Science in Mass Communication
- Masters of Science in Conflict Management
- Masters of Science in Information and Knowledge Management
- Ph.D. in Mass Communication
- Ph.D. in Marketing Communication
- Ph.D. in Health Communication
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SCHOOL OF BUSINESS (JUJA MAIN CAMPUS)

(e) DEPARTMENT OF BUSINESS ADMINISTRATION (JUJA MAIN CAMPUS)

- Executive Master of Business Administration
- 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

(f) 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 OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (ICSIT)

(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 Integration in Education and Instructional Design
- Masters of Science in Business Computing
- Masters of Science in Information Systems Management
- Doctor of Philosophy in Computer Science
- Doctor of Philosophy in Information Technology



INSTITUTE FOR BIOTECHNOLOGY RESEARCH (IBR)



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

INSTITUTE FOR ENERGY AND ENVIRONMENTAL TECHNOLOGY

- 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

COLLEGE OF HEALTH SCIENCES

SCHOOL OF PUBLIC HEALTH

- Masters of Science in Epidemiology
- Masters of Science in International Health
- Masters of Science in Public Health
- Doctor of Philosophy (PhD) in the above M.Sc.

SCHOOL OF BIOMEDICAL SCIENCES

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 Pharmacology (Drug design and development)
- Masters of Science in Medical Biotechnology
- Masters of Science in Agricultural and Environmental Biotechnology
- Philosophy (Ph.D in the above Msc.

DEPARTMENT OF MEDICAL LABORATORY SCIENCES

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

DEPARTMENT OF MEDICAL MICROBIOLOGY

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

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

KAREN CAMPUS

- Executive MBA



- 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
- Masters of Science in Finance and Accounting
- Masters of Science in Project Management
- Masters of Science in Business Information Technology
- Masters of Science in Applied Mathematics
- Masters of Science in Botany (Plant ecology, Plant physiology, Economic Botany)
- Masters of Science in Computer Systems
- Masters of Science in Conservation Biology
- Ph.D. in Human Resource Management
- Ph.D. in Entrepreneurship
- Ph. D in Business Administration
- Ph. D in Mass Communication
- Ph. D in Accounting
- Ph. D in Finance
- Ph. D in Leadership & Governance
- Ph. D in Mass Communication

NAIROBI CBD CAMPUS

- PhD Business Administration
- PhD in Leadership and Governance
- PhD in Entrepreneurship
- PhD in Human Resource Management
- PhD in Supply Chain Management
- PhD in Development Studies
- PhD in Project Management
- PhD in Finance
- PhD in Accounting
- PhD in Information Technology
- PhD in Computer Science
- Executive Master of Business Administration (**EMBA**)
- MSc. In Human Resource Management
- MSc. in Entrepreneurship
- MSc in Procurement and Logistics
- MSc. In ICT Management
- Msc. In Project Management
- Masters in Development Studies
- MSc. in Computer Systems
- 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 Governance and Leadership
- PhD. Finance
- Ph.D. Accounting
- Ph.D. International Business
- Ph.D. in Mass Communication



- Ph.D. in Development Studies
- 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 Logistics
- 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
- **Post Graduate Diploma in:**
 - i) Procurement and Logistics
 - ii) Human Resource Management
 - iii) Entrepreneurship
 - iv) Project Management
 - v) Accounting
 - vi) Finance
 - vii) Economics
 - viii) Mass Communication
 - ix) Development Studies
 - x) Governance and Leadership
 - xi) Monitoring and Evaluation,
 - xii) Supply Chain Management
- Master of Science in Computer Systems
- Master of Science in Software Engineering
- MSc. Bioinformatics and Molecular Biology
- MSc. Applied Statistics
- Post Graduate Diploma in Applied Statistics
- M.Sc. in Applied Mathematics
- M.Sc. in Pure Mathematics

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
- Executive MBA
- 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 ICT Policy and Regulation
- Master of Science in Computer Systems
- Master of Science in Project Management
- Masters of Science In Occupational Safety & Health
- Master of Science in Information Technology
- Master of Science in Epidemiology
- Master of Science in Public Health
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KISII CBD CAMPUS



- Executive MBA
- Postgraduate Diploma in applied statistics
- 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
- 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
- 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

NAKURU CBD CAMPUS

- Masters of Business Administration (Marketing, Finance, or Strategic Management ,Accounting options)
- 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
- Masters of Science in Applied Statistics
- Postgraduate Diploma in applied statistics
- Postgraduate Diploma in Human Resource Management
- Postgraduate Diploma in Procurement & Logistics
- Postgraduate Diploma in Entrepreneurship
- Postgraduate Diploma in Project 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. 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 Development Studies
- Masters of Science in Public Health
- Masters 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 Development Studies
- Postgraduate Diploma in Project Management
- Postgraduate Diploma in Leadership & Governance

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 Finance and Accounting
- 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 Finance
- Master of Science in Finance and Accounting
- Master of Science in Procurement & Contract Management
- Master of Science in Mass Communication
- Master of Science in ICT Management
- Master of Science in ICT Integration in Education and Instructional Design
- Executive Masters of Business Administration
- Master of Science in Computer Systems
- Postgraduate Diploma in Finance & Accounting
- Postgraduate Diploma in Entrepreneurship
- Postgraduate Diploma in Finance and Accounting
- Postgraduate Diploma in ICT Management
- Postgraduate Diploma in Mass Communication

KISUMU CBD CAMPUS

- Post Graduate Diploma in Applied Statistics
- Post Graduate Diploma in Applied Mathematics
 - Post Graduate Diploma in Pure Mathematics
 - Executive MBA
 - Masters of Science in Applied Mathematics



- Masters of Science in Pure Mathematics
- Masters of Science Masters of Business Administration (Finance or Strategic Management)
- Masters of Science in Entrepreneurship
- Masters of Science in Microfinance
- Masters of Science in Human Resource Management
- Masters of Science in Procurement & Logistics
- Masters of Science in Project Management
- Masters of Science In Occupational Safety & Health
- Masters of Science in Computer Systems
- Masters of Science in Pure and Applied Mathematics
- Masters of Science in Public Health
- Masters of Science in Microbiology
- Masters of Science in Epidemiology
- Masters of Science in Food Science and Nutrition
- Masters of Science in Applied Statistics
- Post Graduate Diploma in Applied Mathematics
- Ph.D. in Business Administration
- Ph.D. in Human Resource Management
- Ph.D. in Entrepreneurship
- Ph.D. in Public Health
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KIGALI CAMPUS

- Master of Business Administration
- Master of Science in Monitoring & Evaluation
- Master of Science in Economics
- Master of Science in Human Resource Management
- Master of Science in Development Studies
- Master of Science in Project Management
- Master of Science in Procurement & Logistics
- Master of Science in Leadership & Governance
- Master of Science in Mass Communication
- Master of Science in Finance
- Master of Science in Entrepreneurship
- Master of Software Engineering
- Master of Science in Applied Statistics
- Master of Science in Civil Engineering
- Master of Science in Agriculture & Applied Economics
- Master of Science in Information Technology
- Master of Science in Computer Systems
- Master of Science in Construction Project Management
- Master of Energy Technology
- Master of Public Health
- Executive MBA
- PhD in Project Management
- PhD in International Business
- PhD in Public Health
- PhD in Business Administration
- PhD Entrepreneurship
- PhD Development Studies
- PhD in Human Resource Management
- PhD in Leadership & Governance
- PhD in Supply Chain Management
- PhD in Finance
- PhD in Mass Communication
- PhD in Computer Science



- PhD in Information Technology

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 Applied Statistics
- Master of Business Administration (MBA) (Marketing Option, Strategic Management Option, Finance Option, Accounting Option)
- Master of Science in Human Resource Management
- Master of Science in Procurement & Contract Management
- Master of Science in Applied Statistics
- Master of Science in Project Management
- Master of Science in Finance
- Master of Science in Finance & Accounting
- Post graduate Diploma in Human Resource Management
- Post graduate Diploma in Procurement and Logistics

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.

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 **NOT** later than **Friday, 14th August, 2015**.

For more information contact:

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

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

Email: director@bps.jkuat.ac.ke,

Director of respective Campus **OR**

Chairman of the respective Department

