

## COLLEGE OF PURE AND APPLIED SCIENCES (COPAS)

### DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE

- Postgraduate Diploma in Applied Statistics
- MSc. in Statistics
- MSc. in Applied Statistics
- PhD in Statistics, Econometrics, Biostatistics and related area

### DEPARTMENT OF PURE AND APPLIED MATHEMATICS

- Postgraduate Diploma in Applied Mathematics
- Postgraduate Diploma in Pure Mathematics
- MSc. In Applied Mathematics
- MSc. In Pure Mathematics
- Ph.D. In Applied Mathematics
- Ph.D in Pure Mathematics

### DEPARTMENT OF BOTANY

- MSc. in Botany with the following areas of specialization: Microbiology, Genetics, plant Ecology, Plant Physiology, Plant morphology, Plant Taxonomy, Mycology, Phycology and Economic Botany
- PhD in Plant Science
- PhD in Genetics

### DEPARTMENT OF CHEMISTRY

- MSc. In Chemistry in the following fields:- Analytical/ Environment Chemistry, Inorganic Chemistry, Organic Chemistry and Physical Chemistry.
- Ph.D in Chemistry in the following fields:- Analytical/ Environment Chemistry, Inorganic Chemistry, Organic Chemistry and Physical Chemistry.

### DEPARTMENT OF ZOOLOGY

- MSc. In Zoology in the following areas: - Animal Parasitology, Immunology, Agricultural Zoology, Aquatic Ecology Fisheries and Conservation Biology.
- Ph.D. in Zoology in the following areas: - Animal Parasitology, Immunology, Agricultural Zoology, Aquatic Ecology Fisheries and Conservation Biology.

### DEPARTMENT OF PHYSICS

- MSc. In Applied Geophysics
- MSc. 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

### Fees:

*Masters Degree (Science Based) ...2 years... Kshs 357, 500*  
*Masters Degree (project based) 2 years ... Kshs 317,000*  
*Postgraduate Diploma for 1 year..... Kshs157, 500*  
*PhD.....3 years..... Kshs.510, 500*

### MODE OF STUDY

Fulltime

### DEPARTMENT OF CONSTRUCTION MANAGEMENT

- Master of Construction Project Management
- PhD in Construction Management

### DEPARTMENT OF ARCHITECTURE

- Master of Urban Design

### DEPARTMENT OF LANDSCAPE ARCHITECTURE

- Ph D in Landscape Architecture

### CENTRE FOR URBAN STUDIES

- MSc. In Sustainable Urban Development
- Ph.D. in the following areas: Urban Design, Urban Transportation, Urban Conservation, Urban Infrastructure and Urban Disaster Management

### Fees:

*Masters Degree for 2 years Kshs 357, 000*  
*PhD for 3 years Kshs 510, 500*

### MODE OF STUDY

Fulltime

## COLLEGE FOR HUMAN RESOURCE DEVELOPMENT (CHRD)

### DEPARTMENT OF ENTREPRENEURSHIP, PROCUREMENT AND MANAGEMENT

- Postgraduate Diploma in Procurement and Logistics
- Postgraduate Diploma in Human Resource management
- Postgraduate Diploma in Entrepreneurship
- Postgraduate Diploma in ICT Management
- Postgraduate Diploma in Project Management
- MSc. in Entrepreneurship
- MSc in Human Resource Management
- MSc. In Procurement and Logistics
- MSc. in ICT Management
- MSc. In Project Management
- MSc in Leadership and Governance
- MSc in Strategic Management
- Ph.D in Human Resource Management
- Ph.D in Entrepreneurship
- Ph.D in Leadership and Governance
- Ph.D. in Business Innovation and Technology Management
- Ph.D. Project Management
- Ph.D. Strategic Management

### DEPARTMENT OF PROCUREMENT & LOGISTICS

- MSc. Procurement and Logistics
- MSc. Logistics and Fleet Management
- Ph.D in Supply chain Management

### DEPARTMENT OF ECONOMICS, ACCOUNTS AND FINANCE

- MSc. In Finance and Accounting
- MSc. In Finance
- MSc. Accounting
- Msc. Economics
- Ph.D in Finance
- Ph.D in Accounting
- Ph.D. Economics

### DEPARTMENT OF BUSINESS ADMINISTRATION

- Executive Master of Business Administration
- Master of Business Administration: Options: finance, Marketing, Accounting, HRM, and Strategic Management.
- Masters of Business Information Technology
- Ph.D in International Business
- Ph.D in Business Administration
- Ph.D. Business Information Technology

### DEPARTMENT OF MEDIA TECHNOLOGY AND APPLIED COMMUNICATION

- M.Sc. in Mass Communication
- MSc. In Conflict Management & Resolution
- MSc. In Information Knowledge and Management
- Ph.D in Mass Communication
- Ph.D. In Health Communication
- Ph.D. Media Technology

### DEPARTMENT OF SOCIAL SCIENCES AND HUMANITIES

- M.Sc. in Development Studies
- Ph.D in Development Studies

### Fees

*Masters Degree for 2 years.....Kshs 310,000*  
*Masters ICT Policy and Regulation for 2 years.....Kshs 350,000*  
*Executive MBA for 1 year.....Kshs 331,000*  
*Postgraduate Diploma for 1 year.....Kshs 158,500*  
*Ph.D. For 3 Years .....Kshs 615, 500*

### MODE OF STUDY

Weekends OR Evening

## SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY (SCIT)

### DEPARTMENT OF COMPUTING

- MSc. In Software Engineering
- MSc. in Computer Systems
- MSc. In Artificial Intelligence
- MSc. In Human Centered Computing
- Msc. Information Technology
- Msc. in ICT Educational and Instructional Design
- Ph.D. in Computer Science
- Ph.D. In Information Technology

### Fees

*Masters Degree for 2 or 3 Kshs 505, 000*  
*Ph.D for 3 Years Kshs. 681,250*

### MODE OF STUDY

Fulltime, Evening or Weekends

### INSTITUTE OF BIOTECHNOLOGY RESEARCH (IBR)

- M.Sc. in Biotechnology
- Ph.D in Biotechnology

### Fees

*Masters Degree for 2 years Kshs 461, 000*  
*Ph. D for 3 years Kshs 510, 500*

### MODE OF STUDY

Fulltime

### INSTITUTE OF ENERGY AND ENVIRONMENTAL TECHNOLOGY

- Postgraduate Diploma in Occupational Safety and health
- M.Sc.in Energy Technology
- M.Sc.in Environmental Legislation and Management
- M.Sc.in Occupational Safety and Health
- Ph.D in the above MSc. programmes

### Fees

*Masters Degree for 2 years Kshs 413,000*  
*Postgraduate Diploma for 1 year Kshs 171,500*  
*Ph.D. for 3 years Kshs 510,500*

### MODE OF STUDY

Weekends (Friday, Saturday and Sunday)

### COLLEGE OF HEALTH SCIENCES

Master of Science (M.Sc.) in:-

- Medical Microbiology
- Medical Virology
- Medical Mycology
- Medical Biotechnology
- Mycobacteriology
- Medical Parasitology and Entomology
- Medicinal Phytochemistry
- Medicinal Chemistry
- Epidemiology
- International health
- Public Health
- Molecular medicine in the following specialization areas: Applied Immunology, Clinical Immunology, Molecular Biology
- Ph.D as above

### EPARTMENT OF BIOCHEMISTRY

- Masters of Science in Biochemistry
- Masters of Science in Biochemistry (molecular medicine)
- Masters of Science in Molecular Entomology

- Masters of Science in Bioinformatics and molecular Biology
- Masters of Science in Pharmacology (drug design & Development)
- Masters of Science in Agricultural and Environmental Biotechnology
- Ph. D in Biochemistry

#### DEPARTMENT OF MEDICAL LABORATORY SCIENCES

- Masters in Medical Lab Sciences in the following specialization areas:-
  - Clinical and Public Health Bacteriology,
  - Clinical and Public health Mycology
  - Clinical and Public health Virology,
  - Clinical and Public Health Parasitology,
  - Clinical and Public Health Immunology,
  - Clinical Haematology and Blood Transfusion,
  - Clinical Chemistry,
  - Clinical Histopathology and Diagnostic Cytology.
- Post graduate Diploma in Medical Lab. Sciences (PGD in MMLS)

#### DEPARTMENT OF MEDICAL MICROBIOLOGY

- MSc. In Infectious Disease and Vaccinology
- MSc. In Infectio Biology
- Ph.D in the above MSc. programmes

#### FEES

Masters Degree for 2 years (ITROMID)	<b>Kshs 496,000</b>
Ph.D for 3 years (ITROMID)	<b>Kshs 723,000</b>
Masters Degree (Biochemistry)	<b>Kshs 357, 000</b>
Masters Degree (Medical Microbiology)	<b>Kshs 357, 000</b>
Masters Degree (MLS)	<b>Kshs 393, 000</b>
Postgraduate Diploma (MLS)	<b>Kshs 232, 700</b>
Ph.D for 3 years (Biochemistry)	<b>Kshs 510,500</b>

#### MODE OF STUDY

Fulltime

#### COLLEGE OF ENGINEERING

##### DEPARTMENT OF MECHANICAL ENGINEERING

- MSc. In Mechanical Engineering with options in:- Advanced Thermodynamics and Fluids Engineering, Design and production Engineering & Industrial Engineering.
- MSc. In Sustainable Energy Engineering
- Ph.D in Mechanical Engineering.

##### DEPARTMENT OF MECHATRONIC ENGINEERING

- MSc.in Mechatronic Engineering

##### DEPARTMENT OF TELECOMMUNICATION AND INFORMATION ENGINEERING

- Postgraduate Diploma in Telecommunication Engineering
- MSc. in Telecommunication Engineering
- Ph.D in Telecommunication Engineering

##### GEOMATIC ENGINEERING AND GEOSPATIAL INFORMATION SYSTEMS

- Msc. In Geospatial Information Systems (GIS) and Remote Sensing.
- MSc. In environmental Information Systems.
- Postgraduate Diploma in Geospatial Information Systems (GIS) and remote Sensing
- Postgraduate Diploma in environmental Information Systems.
- Ph.D in the following areas: Geodesy, Photogrammetry GIS, Remote Sensing, Cartography.

##### DEPARTMENT OF ELECTRICAL & ELECTRONIC ENGINEERING

- Postgraduate Diploma in Electrical Engineering Engineering (Options – Control Engineering, Power Electronics, Power Systems)
- MSc. In electrical Engineering (Options – Control Engineering, Power Electronics, Power Systems)
- Ph.D in Electrical Engineering

- M.Sc. in Environmental Engineering and Management
- MSc. In Agricultural Processing Engineering
- MSc. in Biomechanical Engineering
- MSc. In Soil and Water Engineering
- Msc. In Biosystems Structural Engineering
- Ph.D in any of the above areas

#### DEPARTMENT OF CIVIL ENGINEERING

- Msc in Civil engineering in the following areas:  
-Global environmental and ASAL, Engineering, Water Engineering, Transportation Engineering, Structural Engineering.
- **Ph.D in Civil Engineering any of the above areas:**

#### SMARTEC

- Masters of Science in Construction Engineering and Management
- PhD. In Construction Engineering and Management

#### Fees

Masters Degree for 2 years	<b>Kshs 362,000</b>
Post Graduate Diploma for 1 year	<b>Kshs 182,500</b>
Ph.D for 3 years	<b>Kshs 510,500</b>

#### MODE OF STUDY

Fulltime

#### FACULTY OF AGRICULTURE

##### DEPARTMENT OF HORTICULTURE

- MSc. In Horticulture
- MSc. In Landscape, Planning and Conservation
- MSc. In Plant Breeding
- MSc. In Plant Health Science and Management
- MSc.in the above Msc. Programmes

##### DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

- MSc. In Food Science and Nutrition
- MSc. In Food Science and Technology
- PhD in the above Msc. Programmes

#### Fees

Masters Degree for 2 years	<b>Kshs 357,000</b>
Ph.D for 3 years	<b>Kshs 510,500</b>

#### MODE OF STUDY

Fulltime

#### MINIMUM ENTRY REQUIREMENT

Applicants for Masters, Postgraduate Diploma and Ph.D. must have Bachelor Degree.

**Masters** - Holder of at least 2<sup>nd</sup> Class Honours (Upper Division). BSc. Degree in relevant field from JKUAT or any other institution recognized by the University Senate.

**PhD** – Holders of master’s degree in relevant disciplines from JKUAT or any other institution recognized by the University Senate.

Executive MBA- Bachelor degree or CPA (K), CSIA (K), CPS (K), ACCA (level 3)

Applicants with a 2<sup>nd</sup> Lower and pass will be admitted only after getting relevant post graduation experience as specified by different colleges/faculties/ schools/institutes.

**NOTE:** - Some of the courses are also offered at our campuses listed below:-

Karen Campus, Westlands Campus, Nairobi CBD Campus, Mombasa CBD Campus, Nakuru CBD Campus, Kitale CBD Campus, Kisii CBD Campus and Kakamega CBD Campus, Kisumu CBD Campus, Arusha Campus, Kigali Campus, KQ- Pride Centre



## JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

### BOARD OF POSTGRADUATE STUDIES (B.P.S)



DOCTORAL DEGREE GRADUANDS IN A GROUP PHOTO WITH CHANCELLOR

**Director – Board of Postgraduate Studies**

**P.O.Box 62000 – 00200, Nairobi. Kenya**

**Tel: +254 – 67 – 52711 / 52181 – 4 Extension 1655**

**Direct Line: +254 – 67 – 5870001-4**

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

**Website: [www.jkuat.ac.ke](http://www.jkuat.ac.ke)**



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Setting Trends in Higher Education, Research and Innovation