



MINISTRY OF
EDUCATION, SCIENCE &
TECHNOLOGY



**AFRICAN DEVELOPMENT
BANK GROUP**
Building today, a better
Africa tomorrow

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

MASTERS AND PHD DEGREE SCHOLARSHIPS

Jomo Kenyatta University of Agriculture and Technology is one of the public universities in Kenya and has a strong focus on technology. JKUAT is located 35km North-East of Nairobi on the Nairobi-Thika Highway.

Following a successful bid for funding of Post Graduate training in Science and Engineering programs by **African Development Bank (AfDB)**, through the Ministry of Education, Science & Technology, JKUAT has been mandated to train **academic staff in Public Universities, Public Technical Training institutions, Line Ministries and State Corporations** for capacity building. JKUAT would therefore like to invite applications for admission from suitably qualified applicants, currently academic staff members in Public Universities and Public Technical Training Institutions, for the Masters and PhD programs shown below. Scholarships will be awarded to admitted candidates. The upper age limit is 45 years for Master Degree programmes and 50 years for PhD programmes. **The scholarship will cover Tuition and Research fees only and does not cover subsistence or upkeep allowances.**

The short listing will be on merit and only the qualified applicants will be considered as per the criteria provided below:

Master of Science Scholarships

1. MSc. Petroleum Engineering
2. MSc. Mechanical Engineering
3. MSc. Electrical Engineering
4. MSc. Civil and Environmental Engineering
5. MSc. Water and Environmental Engineering
6. MSc. Agricultural Processing Engineering
7. MSc. Construction Management
8. MSc. Sustainable Urban Development
9. MSc. Environmental Planning and Development
10. MSc. Information Technology
11. MSc. Geothermal Sciences
12. MSc. Physics
13. MSc. Chemistry
14. MSc. Agricultural and Livestock Biosciences



JKUAT is ISO 9001:2008 and ISO 14001: 2004 Certified



Setting Trends in Higher Education, Research and Innovation

Doctor of Philosophy Scholarships

1. Ph.D Petroleum Engineering
2. Ph.D Mechanical Engineering
3. Ph.D Electrical Engineering
4. Ph.D Civil and Environmental Engineering
5. Ph.D Water and Environmental Engineering
6. Ph.D Agricultural Processing Engineering
7. Ph.D Construction Management
8. Ph.D Environmental Planning and Development
9. Ph.D Information Technology
10. Ph.D Geothermal Sciences
11. Ph.D Physics
12. Ph.D Chemistry
13. Ph.D Agricultural and Livestock Biosciences

The entry requirements are as follows:

A: MASTER OF SCIENCE SCHOLARSHIPS (2 YEARS PROGRAMES)

S. NO	COURSE	ENTRY REQUIREMENT
1.	MSc. Petroleum Engineering	A holder of at least second class Honors (Upper Division), Bachelor of Science degree in the field of Mining & Mineral Processing Engineering, Petroleum Engineering, Geology, or Geosciences, Geophysics, Mechanical Engineering, Civil Engineering, Geomatics Engineering, or Mechatronic Engineering, from an institution recognized by the University Senate
2.	MSc. Mechanical Engineering	A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Mechanical Engineering or related field from an institution recognized by the University Senate
3.	MSc. Electrical Engineering	A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Electrical Engineering or related field from an institution recognized by the University Senate
4.	MSc. Civil and Environmental Engineering	A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Civil Engineering or related field from an institution recognized by the University Senate
5.	MSc. Water and Environmental Engineering	MSc. in Soil and Water Engineering A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Soil, Water & Environmental Engineering, Agricultural Engineering, Civil Engineering, or related field from



		an institution recognized by the University Senate
		<p>MSc. in Environmental Engineering and Management</p> <p>A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Soil, Water & Environmental Engineering, Agricultural Engineering, Civil Engineering, or related field from an institution recognized by the University Senate</p>
6.	MSc. Agricultural Processing Engineering	A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Biomechanical and Processing Engineering; Agricultural Engineering; Agricultural and Bio systems Engineering or Mechanical Engineering, from an institution recognized by the University Senate
7.	MSc. Construction Management	A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Construction Management or a related field from an institution recognized by the University Senate.
8.	MSc. Sustainable Urban Development	<p>Option I:</p> <p>A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Architecture, Construction Management, Landscape Architecture, Civil Engineering, Environmental Planning and Management, Urban Design, Urban and Regional Planning, Real Estate Survey or a related field from an institution recognized by the University Senate.</p> <p>Option II:</p> <p>A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Geography, Sociology or a related field from an institution recognized by the University senate and have worked in Local Authority/ Counties, Non-Governmental Organizations and other institutions dealing with urban issues for at least 2 years or a related field from an institution recognized by the University Senate.</p>
9.	MSc. Environmental Planning and Development	A holder of at least second class Honors (Upper Division), Bachelor of Science in Landscape Architecture, Architecture, Construction Management, Environmental planning, Urban and regional planning, Geography, Engineering, Ecology, Environmental sciences, Social sciences or related field from an institution recognized by the University Senate.



10.	MSc. Information Technology	A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Computing/Computer Science/Information Technology/Computer Technology/Computer Engineering or related field from an institution recognized by the University Senate.
11.	MSc. Geothermal Sciences	A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Physics, Geology or Environmental Physics from an institution recognized by the University Senate.
12.	MSc. Physics	A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Physics, Control & Instrumentation or related field from an institution recognized by the University Senate.
13.	MSc. Chemistry	A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Chemistry or related field from an institution recognized by the University Senate.
14.	MSc. Agricultural and Livestock Biosciences	MSc. Horticulture A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Horticulture or in related field from an institution recognized by the University Senate.
		MSc. Plant Breeding A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Horticulture, Agriculture, Plant Biotechnology or Botany from an institution recognized by the University Senate.
		MSc. Plant Health Science and Management A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Horticulture or related field from an institution recognized by the University Senate.
		MSc. in Biotechnology A holder of at least second class Honors (Upper Division), Bachelor of Science degree in Biological Sciences, Health Sciences, Biochemistry, Food Science and Technology or Horticulture from an institution recognized by the University Senate.
		MSc. (Food Science and Technology) A holder of at least Second Class Honors (Upper Division), Bachelor of Science degree in Food Science and Technology, Food Science and Nutrition, Agriculture, Horticulture, or related field in Agricultural Sciences, Biochemistry and Microbiology from an institution recognized by the University Senate.



B: DOCTOR OF PHILOSOPHY SCHOLARSHIPDS (3 YEARS PROGRAMMES)

S. No	COURSE	ENTRY REQUIREMENT
1.	Ph.D Petroleum Engineering	A holder of Master of Science Degree in the field of Mining & Mineral Processing Engineering, Petroleum Engineering, Geology, or Geosciences, Geophysics, Mechanical Engineering, Civil Engineering, Geomatics Engineering, or Mechatronic Engineering from an institution recognized by the University Senate.
2.	Ph.D Mechanical Engineering	A holder of a Master of Science degree in Mechanical Engineering, or related field from an institution recognized by the university senate.
3.	Ph.D Electrical Engineering	A holder of a Master of Science degree in Electrical Engineering, or related field from an institution recognized by the university senate.
4.	Ph.D Civil and Environmental Engineering	A holder of a Master of Science degree in Civil Engineering, or related field from an institution recognized by the university senate.
5.	Ph.D Water and Environmental Engineering	PhD in Environmental Engineering and Management A holder of a Master of Science degree in Environmental Engineering and Management, Soil and Water Engineering, or related field from an institution recognized by the University Senate.
		PhD in Soil and Water Engineering A holder of a Master of Science degree in Soil and Water Engineering, Environmental Engineering and Management, or related field from an institution recognized by the University Senate.
6.	Ph.D Agricultural Processing Engineering	A holder of a Master of Science degree in Agricultural Processing Engineering, or related field from an institution recognized by the university senate.
7.	Ph.D Construction Management	A holder of Master of Science degree in Construction Project Management, or related field from an institution recognized by the university Senate.
8.	Ph.D Environmental Planning and Development	A holder of a Master of Science degree in Environmental Planning and Development, or Master in Urban and Regional Planning, or related field from an institution recognized by the university Senate.
9.	Ph.D Information Technology	PhD in Software Engineering or Information Technology A holder of a Master of Science degree in



		Computing/Computer Science/Information Technology/Computer Technology/Computer Engineering or related field from an institution recognized by the university Senate.
10.	Ph.D Geothermal Sciences	A holder of a Master of Science degree in Geophysics, Geology or Environmental Physics from an institution recognized by the university Senate.
11.	Ph.D Physics	A holder of Master of Science in Physics or in Control & Instrumentation from an institution recognized by the university Senate.
12.	Ph.D Chemistry	A holder of Master of Science degree in Chemistry from an institution recognized by the university Senate.
13.	Ph.D Food Science	A holder of Master of Science degree in Food Science and Technology, Food Science and Nutrition, Biochemistry, Chemistry or a related field in Biological Sciences from an institution recognized by the University Senate.

The Programs are scheduled to start in **September, 2017**. Eligible candidates interested in these programs are invited to apply. The application form should be submitted to the Director, Board of Postgraduate Studies, to be received by **August 4th 2017**.

Director, Board of Postgraduate Studies
P.O. Box 62000-00200, Nairobi
Tel. 067-5870001-4
Website: <http://www.jkuat.ac.ke>
Email: director@bps.jkuat.ac.ke



JKUAT is ISO 9001:2008 and ISO 14001: 2004 Certified



Setting Trends in Higher Education, Research and Innovation



Ministry of Higher
Education, Science
and Technology



**AFRICAN DEVELOPMENT
BANK GROUP**
Building today, a better
Africa tomorrow

**JOMO KENYATTA UNIVERSITY OF
AGRICULTURE AND TECHNOLOGY**

P.O. BOX 62000 – 00200, CITY SQUARE NAIROBI, KENYA. TELEPHONE 067-52711, 52125. MOBILE: 0708-602225

Office of the Director, Board of Postgraduate Studies

Email: director@bps.jkuat.ac.ke

GENERAL INFORMATION

Applicant must apply directly to the Director Board of Postgraduate Studies

- The closing dates are 4th August, 2017
- You must have been granted admission to the Doctoral/Master programme to make an application on this form. If you have not already been admitted into the Doctoral/Master Programme you must apply with the Board of Postgraduate Studies, JKUAT.
- Applicants who do not provide the required documentation by the due date will not be considered for the scholarship.

1. PERSONAL DETAILS

Title: Mr., Mrs., Ms., Miss	Family Name	Given Name(s)	
Date of Birth (YY/MM/DD)		Gender	

Please Write your JKUAT Reg No. if any:	
---	--

Current Mailing Address

Full Address:		Telephone:	
Country:		Email:	
Post Code:		Mobile:	



JKUAT is ISO 9001:2008 and ISO 14001: 2004 Certified



Setting Trends in Higher Education, Research and Innovation

Special Needs

Do you have any special needs or considerations that we should know about? Yes: No:

*If yes, attach additional information indicating any special assistance you may require. (If applicable)

2. Candidate Details

Candidature Offer at JKUAT	Yes/No
Have you already been admitted or commenced study or program at Jomo Kenyatta University Of Agriculture & Technology?	
If NO, have applied/are you applying for admission at JKUAT	

NB: To be eligible all scholarships applicants must have applied admission at JKUAT for the specified programs.

Scholarship Application Details:

JKUAT Course Name (eg. Doctor of Philosophy)	
Programme of study	
First Supervisor	
Co- Supervisors	
Mode of Study	

Research Proposal

Please give the title and outline the general area of research you wish to study (brief description with minimum 100 words, maximum 150 words)

Title (Max. 20 words)	
Description	



JKUAT is ISO 9001:2008 and ISO 14001: 2004 Certified



Setting Trends in Higher Education, Research and Innovation

Current Applications for Scholarships or for Sponsorship

Are you applying for, or have you arranged any other externally funded scholarships or Sponsorship?

Yes No:

If “Yes” please provide the following details:

Tuition Fees <input type="checkbox"/>	Living Expenses <input type="checkbox"/>	Research Grant	Total in Kshs.	
Please provide the name of the Scholarship or Sponsor (i.e. Governor Sponsor)				
Are any other benefits included? (Please specify)				

3. Academic Qualifications

List below ALL tertiary Level Studies.

Degree or Qualification	Institution and country	Date completed/Expected date of completion	Proportion of Research	Language of instruction	Qualification obtained



JKUAT is ISO 9001:2008 and ISO 14001: 2004 Certified



Setting Trends in Higher Education, Research and Innovation

Awards Achieved During Previous Study

Have you received any academic awards during previous studies, i.e. Best Performing Student?

Yes

No

Please list the Awards you have received with information about the award (If sufficient space, please attach additional sheets.)

4. Research and Relevant Experience

Postgraduate Research Experience (Only for PhD. Candidature)

Please describe briefly any postgraduate research experience you have had over the last 5 years



Employment History

Please detail any relevant work experience.

Name of Employer	Your Duties/Position	Dates



JKUAT is ISO 9001:2008 and ISO 14001: 2004 Certified



Setting Trends in Higher Education, Research and Innovation

Publications

Please list your top 6 publications. DO NOT provide copies of publications.

For example: Smith. J. Brown. S. Shaw "Title" Name Publication, Type of publication, Publication details.

Author(s)	Title of Publication	Type of Publication	Publication Details



JKUAT is ISO 9001:2008 and ISO 14001: 2004 Certified



Setting Trends in Higher Education, Research and Innovation

5. Academic Referee Reports

	Referee 1	Referee 2
Name		
Position		
Institution		
Postal Address		
Tel./Mobile		
Email		

6. Declaration

Giving false or misleading information is a serious offence under the Criminal Code (Kenya Constitution)

- I declare that I have read and understood the questions on this form and that the information I have supplied on this form is correct and complete.
- I understand that the University may vary or cancel any decision made on the basis of incorrect or incomplete information provided by my referees or me. If any information is discovered to be untrue or misleading in any respect I consent to the university Rules and Regulations.
- I agree to abide by the university rules and regulation and conditions of Award and conditions of Scholarship which may be amended from the time to time by the University.
- I understand that giving false or misleading information is a serious offence under the Criminal code.
- Please sign and date this application below before returning to the office of Director, Board of Postgraduate Studies-JKUAT.

Your application will not be processes if it has not been signed below.

Signed..... Date.....



JKUAT is ISO 9001:2008 and ISO 14001: 2004 Certified



Setting Trends in Higher Education, Research and Innovation