

Highlights on the College of Agriculture and Veterinary Sciences, University Of Nairobi



STEPHEN KIAMA GITAH

- University of Nairobi is the largest University in the region with a current student population of just over 44,000.



- The University has 6 colleges and 7 Campuses
- The College of Agriculture and Veterinary Sciences (CAVS) is one of the six colleges and is situated at Kabete Campus
- CAVS is made of two old faculties;
- Faculty of Agriculture(1970)
- Faculty of Veterinary Medicine(1940).



MANAGEMENT STRUCTURE
Principal
Two Deans
Two Associate Deans
Nine Heads of Departments
Two Farm managers



12/3/2008



A healthy carnation crop on substrate at Kabete Training Centre



Training of small scale growers at the Training Centre - Kabete





Installation of Gravity Drip Irrigation systems in small scale farms

12/3/2008

S. G. Kiama

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12/3/2008

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Faculty of Agriculture

- The faculty of Agriculture is made up of the following departments and each is headed by a Chairman except the field station which is headed by a Farm Manger.
 1. Department of Agricultural Economics
 2. Department of Plant Science and Crop Protection
 3. Department of Food Science, Nutrition and Technology
 4. Department of Land Resource Management and Agricultural Technology
- Field station

DEGREE PROGRAMS IN THE FACULTY OF AGRICULTURE

- **UNDERGRADUATE PROGRAMS**
- 1. BSc Agriculture
- 2. BSc. Food Science & Technology
- 3. BSc. Food Nutrition & Dietetics
- 4. BSc. Range Management
- 5. BSc. Management of Agroecosystem and Environment
- 6. BSc. Agribusiness Management
- 7. BSc. Agricultural Education & Extension

- **DIPLOMA**
- Diploma in Crop Protection

- **CERTIFICATE COURSES**
- Floriculture (15 weeks)

POSTGRADUATE PROGRAMS

- 1. MSc Agricultural Economics
- 2. MSc Agricultural Engineering
- 3. MSc. Agricultural Resource Management
- 4. MSc. Applied Human Nutrition
- 5. MSc. Applied Nutrition
- 6. MSc Crop Protection
- 7. MSc Food Science & Technology
- 8. MSc. Soil Science
- 9. MSc. Animal Genetics & Breeding
- 10. MSc. Livestock Production Systems

Postgraduate programs Continued

- 11. MSc. Range Ecology
- 12. MSc. Range Management
- 13. MSc. Plant Pathology
- 14. MSc. Plant Breeding
- 15. MSc. Plant Breeding & Genetics
- 16. MSc. Agronomy
- 17. MSc. Horticulture
- 18. Agricultural Information and Communication Management
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- PhD programmes in the same disciplines including PhD in Dryland agriculture

FACULTY OF VETERINARY MEDICINE

- **ACADEMIC DEPARTMENTS.**
 1. Veterinary Anatomy and Physiology
 2. Animal Production
 3. Veterinary Pathology, Microbiology and Parasitology,
 4. Clinical Studies,
 5. Public Health, Pharmacology, and Toxicology.
- Veterinary Farm

UNDERGRADUATE DEGREE PROGRAMS

- The Faculty conducts three undergraduate degree programs.
- Bachelor of Veterinary Medicine.
- Bachelor of Science in Biomedical Technology.
- Bachelor of Science in Wildlife Management and Related options.

POSTGRADUATE DEGREE PROGRAMS

- The faculty trains students for Masters of Science (MSc.) and Doctor of Philosophy degrees in various fields of specialization.
- MSc. in Veterinary Anatomy.
- MSc. in Comparative Mammalian Physiology
- MSc. in Reproductive Biology
- MSc. in Biochemistry.
- MSc. in Veterinary Pathology, Microbiology and Parasitology

PG Cont.

- MSc. in Applied Parasitology
- MSc. in Applied Microbiology
- MSc. in Veterinary Pathology and Diagnostics.
- MSc. in Clinical Pathology and Laboratory Diagnosis.
- MSc. in Fish Science
- MSc. in Animal Science

PG Cont.

- MSc. in Animal Breeding and Genetics.
- MSc. in Livestock Production Systems.
- MSc. in Animal Nutrition and Feeding.
- MSc. in Veterinary Public Health.
- MSc. in Veterinary Epidemiology and Economics.
- MSc. in Pharmacology and Toxicology.
- MSc. *in Clinical Studies.*
- MSc. in Wildlife Health and Management.

Others

- **Diploma Courses**

- Animal Health & Production

- **CERTIFICATE COURSES**

- Certificate course in Artificial insemination and fertility management
- Certificate course in Fish Hygiene and Inspection
- Poultry Management
- Dairy Management

SKILLS ENHANCEMENT COURSE

- **Epidemiology and disease surveillance**
- This course is conducted in the Department of Clinical studies

- **Animal and Poultry feed formulation and analysis**
- This course is conducted in the Department of Animal Production

- **Laboratory Management and Techniques**
- This course is conducted in the Department of Veterinary Anatomy & Physiology

Academic Staff

- Fulltime Academic staff: 196 majority of which are PhD holders in various disciplines
- Research Activities and outreach programs are similarly as diverse as represented by the Academic staff.
- CAVS is actively engaged in multidisciplinary and Multi-Institutional research.

Student Population

- Intake per year is about 350 students
- Both Local and International
- This is at all levels of Training
- Conducts skills enhancement courses which are either at certificate or simply tailor made for specific clients.

FACULTY OF AGRICULTURE

- Number of new student registered last year per program (179)
- BSc. in Agriculture 56
- BSc. in Agribusiness management 28
- BSc. in Agricultural Education and Ext. 23
- BSc. in Food Sc. and Technology 18
- BSc. in Food Nutrition and Dietetics 21
- BSc. in Range Management 18
- BSc. in Agroecosystems and Environ 15

FACULTY OF VETERINARY MEDICINE

- Number of new student registered last year per program (172)
- Bachelor of Veterinary Medicine - 86
- B.Sc. in Biomedical Technology - 36
- B.Sc. in Wildlife Management - 16
- Dipl in Animal Health and Prod. - 15
- Certificate in Artificial Insemination 19

SOME LINKS

- Free University of Berlin, Makerere University, University of Addis Ababa, University of Khartoum and Sudan University of Technology through Edulink funded joint masters program on Trans-boundary Animal Disease Management.
- University of California Davis, USA; Avian Flu Schools
- The Donkey sanctuary UK is partnering with the Faculty of Veterinary Medicine in the education, training and research in Donkey health and welfare.
- The World society for protection of animals (WSPA) signed a Memorandum with the University of Nairobi to partner in education, training and research in animal welfare.

Cont

- UON-CAVS & UC-LIFE Link (University of Copenhagen, Faculty of Life Sciences-Research.
- UON, Sokoine University, Makerere University, University of Copenhagen, BOKU University and University of Life Sciences of Norway. Organic Agriculture Training and Research Network (ORGLINK).
- Strengthening Environmental and Agricultural Capacity through Distance Education (SEAC-DE pilot project).
- Link between Department of LARMAT and MEA LTD. To market Biofix.

AREAS OF PARTINERSHIP

- Develop Human capacity
 - Postgraduate training
 - Short courses for the faculty
 - Short visits by the faculty from Nairobi
 - Short courses for students-to travel to Nairobi- Especially practical courses or demonstrations
- Curriculum development
 - Diploma in animal health and production
- WAY Forward: Memorandum of understanding between- Catholic University (CU) and University of Nairobi

- Thank you very much for your audience