OUK | SCHOOL OF SCIENCE AND TECHNOLOGY

OPEN UNIVERSITY OF KENYA

The innovative university for inclusive prosperity

BACHELOR OF AGRI-TECHNOLOGY & FOOD SYSTEMS

OVERVIEW

The Bachelor's program in Agri-Technology and Food System is an intensive program carefully developed to train and produce knowledgeable, skilled and innovative agricultural professionals to work and provide solutions to complex challenges facing agricultural production and food systems for sustainable development and prosperity. It equips learners with knowledge on fundamental concepts and principles involved in agricultural systems, role of agriculture in development and employment opportunities in the agricultural sector, bioinformatics, biological databases, sequence analysis, and phylogenetics.

AgriTechnology Career Projections

- Precision Agriculture Specialist
- Agricultural Data Scientist
- Agricultural Engineer
- AgriTech Product Manager
- AgriTech Sales and Marketing
- AgriTech Consultant

PROGRAM STRUCTURE

Programme Learning Outcomes

By the end of this programme, the student will be able to:

1. Explain key agricultural concepts and perspectives at national, regional, and global scales.
2. Apply the knowledge and skills gained to integrate agrifood systems with sustainable development of enterprises
3. Create employment opportunities by engaging with the public and private actors in the agricultural sector
4. Utilize modern and smart technologies and practices for sustainable agricultural production
5. Conduct research in the field of agri-technology and food systems
6. Innovate through entrepreneurship skills and knowledge gained in sustainable solutions for emerging issues in agricultural production and food systems for income generation.

Total credit hours and course units required for graduation
The programme shall be offered in 8 semesters. The minimum total courses for the programme are 48. The minimum total course credit hours required for graduation is 144 hours.

ASSESSMENT

Continuous Assessment Tasks: 50%
Final Examination: 50%

ADMISSION REQUIREMENTS

- A mean grade of C+ and above at KCSE OR
- Diplomas or professional qualifications OR
- A certificate of foundation or bridging courses from recognised institutions OR
- A portfolio for the purpose of recognition of prior learning OR
- Kenya Advanced Certificate of Education with a minimum of 1 principal OR
- A bachelor's degree from an institution recognised by Senate.

APPLICATION PROCESS

1 Application Form
Register by completing the online application form.

2 Application Screening
Your application will be reviewed to determine if it is a fit with the program.

3 Join OUK now
OUK applicants are also eligible for government scholarships and loans as per the new funding model criteria.

www.ouk.ac.ke

DURATION
4 years

MODE OF DELIVERY
BLENDED

OUK
OPEN UNIVERSITY
OF KENYA

Flexibility
Students can customize their learning experience to fit their unique needs and commitments; with the freedom to choose courses and set their own learning pace

Inclusivity
Diversity is celebrated, and efforts are made to ensure that all students and staff have access to resources and support services to enable their success

Openness
Through open admission criteria, affordable tuition options, and online or distance learning programs, the Open University of Kenya strives to removing barrier to access to education and promote lifelong learning

Certification
All students qualify for progressive certification towards a bachelor's degree:
- Certificate (one third (1/3) of the credit hours)
- Diploma (two-third of (2/3) of the credit hours)
- Degree (programme full credit hours)

LEVEL 1 PROGRAM COURSES

FIRST SEMESTER	SECOND SEMESTER
Introduction to Agriculture	Principles of Animal Production
Introduction to Agro-climatology	Principles of Soil Sciences
Introduction to Agricultural Land Management	Principles of Agribusiness
Introduction to Emerging Farming Systems	Principles of Agricultural Economics
Introduction to Ict in Agriculture	Principles of Crop Production
Introduction to Food Losses and Waste in Agricultural Systems	Agricultural Statistics I
Philosophy	Psychology

READY TO LEAD THE WORLD IN SMART FARMING, PRECISION FARMING OR DIGITAL FARMING?

APPLY NOW!
Intake Coming Soon!

Contact Us
- 020 2000211 / 020 2000212
- info@ouk.ac.ke
- https://ouk.ac.ke/
- Kenya

For more information visit the link: https://ouk.ac.ke