BACHELOR OF SCIENCE IN DRYLAND SUSTAINABILITY SCIENCE AND TECHNOLOGY(DSST)

1. Are you fascinated by the unique challenges and opportunities presented by dryland ecosystems?
2. Are you passionate about finding sustainable solutions to address water scarcity, land degradation, biodiversity loss, and climate change? Look no further!
3. Introducing the Bachelor of Science Degree in Dryland Sustainability Science and Technology - an innovative program that equips students with knowledge and technological skills to become leaders in the field of dryland sustainability Science.
4. Don't miss the opportunity to be part of the solution for sustainable development of the dryland regions.
5. Apply now (till September 10th, 2024) and join our dynamic community of dryland sustainability Science pioneers and change agents!

For further information and inquiries, contact the Chairman, Department of LARMAT larmat@uonbi.ac.ke or call Programme Coordinator Dr. J. Mbau on 0722212100

The Department of Land Resource Management and Agricultural Technology (LARMAT), Faculty of Agriculture of the University of Nairobi, will be offering the DSST four-year degree programme for the Academic Year, 2024/2025 starting September 2024 – YOU ARE WELCOME TO APPLY – using this link. https://application.uonbi.ac.ke/index.php/CourseApplication/viewdetailslogin?deg_code=ALR32

A] Why Enrol in the course;

1. Over 80% of the Kenyan land mass is classified as Arid and Semi-arid lands (drylands).
2. There is an overarching need for manpower with knowledge and skills to harness the resources provided by the drylands and promote their sustainable development.
3. The program illuminates topical challenges in drylands with the noted capacity gaps to be addressed using modern scientific knowledge, digital innovations and technologies.

B] Goal of the Programme

1. Equipping trainees with scientific and technical knowledge and skills for co-creation of technological solutions and innovations to;
   a. Implement sustainable and climate-resilient technologies and practices in the drylands
   b. Conserve dryland resources locally, and globally.
2. Increasing opportunities for socioeconomic development and dryland capacity to support national, regional, and global economies.

C] Technological Advancement and Innovation

The programme takes cognisance of technological advancement and innovations in drylands and has embedded application of digital tools (modelling, GIS and remote sensing, Artificial Intelligence, in the course units and students are also introduced to Computers and Information Systems.

D] Programme Mode of Delivery

A multifaceted approach will be used in the delivery of the programme by a multidisciplinary team of lecturers with expertise in; dryland ecology; land & water management; soil and crop science; animal science, biodiversity conservation; social economics; modelling among others.

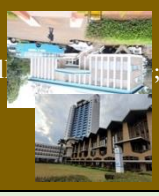
The mode of delivery include; Face-to-face, e-learning, experiential learning. All employing different techniques and methods of teaching and learning.

E] The Graduates

The graduates will provide practical, advisory, and specialised services in a wide range of fields bestriding the dryland ecosystems locally and globally employing the emerging 4th Industrial Revolution Technologies for their sustainable development.

1. The DSST graduates will thus be agents of change and entrepreneurs in the transformation of the drylands of Kenya, Africa, and globally.
2. With potential employment opportunities in local and international research institutions working in the drylands and related environments; academic institutions; national and County government among many others.

For further information and inquiries,
Contact (https://larmat.uonbi.ac.ke/)
The Chairman,
Department of LARMAT
on larmat@uonbi.ac.ke or cal ;
or
Programme Coordinator
Dr. J. Mbau on 0722212100



BSc. Dryland Sustainability Science and Technology