



Become a Dryland Sustainability Champion

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



University
of
Nairobi

Are you fascinated by the unique challenges and opportunities presented by dryland environments - such as water scarcity, land degradation, biodiversity loss, and climate change

The answer is right here!!

Take advantage of the current KUCCPS Inter-University Transfer [[KUCCPS | The Placement Service](#)] Window (2025/2026) to apply for the Bachelor of Science in Dryland Sustainability Science with Technology (DSST) <https://students.kuccps.net/programmes/detail/6623/> - Till August 24, 2025

A] WHY ENROL IN THE DEGREE PROGRAM?

1. Over 80% of the Kenyan land mass is classified as Arid/Semi-arid lands (drylands).
2. Global demand for dryland sustainability experts
3. Topical challenges in drylands with the noted capacity gaps to be addressed using modern scientific knowledge, innovations and (digital) technologies are emphasized.
4. Aligned with the UN Sustainable Development Goals and hence prepares students to become part of the global sustainability movement!

C] TECHNOLOGICAL ADVANCEMENT AND INNOVATION

The program recognizes the rapid advancement of digital technology and integrates digital tools, innovation, and 4IR technologies throughout the design and delivery of course units, equipping students with future-ready skills needed to thrive in the 21st century.

B] GOAL OF THE PROGRAMME

Training holistic graduates equipped with an agroecology mindset, knowledge, and excellent 21st Century skill sets for co-creation of technological solutions to;

1. Effectively manage and conserve dryland resources locally, and globally.
2. Implement sustainable and climate-resilient technologies and practices in the drylands.
3. Increasing opportunities for socioeconomic development, and enhancing drylands' capacity to support national, regional, and global economies.

D] PROGRAMME MODE OF DELIVERY

1. Flexible Learning Options
 - Face-to-Face
 - Online & Distance E-Learning (ODEL)
 - Blended Formats
2. Delivered by a multidisciplinary team of land, water, climate, soil, rangelands, and ecological experts.

E] THE GRADUATES

1. The market-ready graduates will be;
 - a. **Dryland Solutions Architect:** provide practical, advisory, and specialised services in a wide range of fields bestriding the dryland ecosystems locally and globally, employing the emerging 4IR Technologies, for their sustainable development.
 - b. **Green Tech Entrepreneurs:** Agents of change and entrepreneurs in the transformation of the drylands of Kenya, Africa, and globally.
2. Career Opportunities;
 - c. Research institutions (local & international).
 - d. Government/County agencies.
 - e. NGOs and environmental consultancies.
 - f. Academia and innovation hubs.
 - g. Entrepreneurial ventures in dryland solutions.

CONTACT US

Academic Registrar: reg-academic@uonbi.ac.ke
Or
Department of at larmat@uonbi.ac.ke or call 0204916064
Or
Academic Leader, Dr. J. Mbau - jmbau@uonbi.ac.ke

BE THE CHANGE. BE THE SOLUTION.

ENROL IN DSST – A DEGREE FOR THE FUTURE. A FUTURE FOR THE DRYLANDS