

# MAKERERE

P.O. Box 7062  
Kampala Uganda  
**Website:** [www.caes.mak.ac.ug](http://www.caes.mak.ac.ug)



# UNIVERSITY

**Tel:** +256 414 533580 +256 414 532269  
+256 414 540707  
**Fax:** +256 414 531641  
**Email:** [dap.caes@mak.ac.ug](mailto:dap.caes@mak.ac.ug)

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COLLEGE OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES  
SCHOOL OF AGRICULTURAL SCIENCES  
DEPARTMENT OF AGRICULTURAL PRODUCTION

## ANNOUNCEMENT!

### Coffee Improvement, Production, and Protection – A Certificate Course

10<sup>th</sup> - 15 June 2024; Makerere University

The European Union through its Programme “Development Smart Innovation through Research in Agriculture” (DESIRA) is supporting a consortium of International and National research organisations which include:- The French Agricultural Research Centre for International Development (CIRAD), The International Centre of Insect Physiology and Ecology (ICIPE)-Kenya, The Institute of Research For Development (IRD)-France, Makerere University (MaK)-Uganda, The National Coffee Research Institute (NaCORI) and National Forestry Resources Research Institute (NaFORRI) both of the National Agricultural Research Organisation Uganda (NARO), Wageningen University and Research, Dipartimento di Agronomia Animali ALimenti Risorse naturali e ambiente (DAFNAE), Strand Life Sciences Private Limited India (strand), International Women’s Coffee Alliance (IWCA -Uganda), and the Uganda Coffee Farmers Alliance Limited (UCFA) to implement a research project “Robusta Coffee Agroforestry to Adapt and Mitigate Climate Change in Uganda (ROBUST)” with CIRAD as lead institution

The overall objective of ROBUST is to support sustainable economic development of Uganda by promoting and improving the Robusta coffee agroforestry farming system. At Makerere University, the DESIRA/ROBUST project is hosted by the College of Agricultural and Environmental Sciences which is mandated to oversee the training component. As a capacity building endeavor for project and non-project stakeholders, the consortium has developed a training course module entitled Coffee improvement, production, and protection targeting diploma/degree holders in coffee research, extension and practice. The course will leverage the diverse expertise of the ROBUST project team to interactively deliver the topics below:

**Topic 1:** Coffee agronomy and ecological requirements

**Topic 2:** Coffee genetics, origin and germplasm; and variety improvement

**Topic 3:** Coffee pests: identification and economic importance

**Topic 4:** Coffee diseases; identification and economic importance

**Topic 5:** Mechanistic approaches for modelling Pests and Diseases dynamics

**Topic 6:** Agroforestry for management of coffee pests and diseases

**Topic 7:** Habitat management for management for coffee pests and diseases

**Topic 8:** Soil management as a tool in coffee pest and disease management

**Topic 9:** Functional landscape approach for Pests and Diseases management

**Topic 10:** Host plant resistance in coffee

**Topic 11:** Biological control of coffee pests and diseases

**Topic 12:** Pesticides for use in coffee production - biopesticides, biorationals, semiochemicals, chemical pesticides

**Topic 13:** IPM considerations and principles

**Topic 14:** Integrating coffee sector stakeholders in the process of research

**Module 15:** Statistics, data management and R software

## Course Particulars

**Target audience:** Post graduate students, researchers, extension agents and practitioners in the coffee sector.

**Mode of course delivery:** Physical (face-to-face) with theory and practical sessions

**Language course will be delivered:** English

**Course duration:** The course will run for 5 days from the 10<sup>th</sup> - 15 June 2024.

**Venue:** Makerere University (Food Science and Technology conference hall)

**Registration Fee:** 60,000/= (17 USD)

## Application procedure

All applications should be sent by **31<sup>st</sup>.05.2024** via email to Prof. Samuel Kyamanywa ([skyamanywa@gmail.com](mailto:skyamanywa@gmail.com)) with a copy to Assoc. Prof. Jeninah Karungi([jtumutegvereize@gmail.com](mailto:jtumutegvereize@gmail.com)) and Ms. Kigambo Monica ([monicakigambo@gmail.com](mailto:monicakigambo@gmail.com))

Please contact the following for additional information:

**1. Professor Samuel Kyamanywa**

PI Robust Project (Makerere University)

Email: [skyamanywa@gmail.com](mailto:skyamanywa@gmail.com)

Telephone: +256 772 220 000

**2. Dr. Fabrice Pinard**

PI Robust project

Cirad/Icipe coffee program

Phim; Umr 120. Montpellier France

Email : [fabrice.pinard@cirad.fr](mailto:fabrice.pinard@cirad.fr)

Telephone: +254 733445058

**3. Associate Professor Jeninah Karungi**

Academic co-Coordinator Makerere - ROBUST project

Email: [Jeninah.karungi@mak.ac.ug](mailto:Jeninah.karungi@mak.ac.ug) or [jtumutegvereize@gmail.com](mailto:jtumutegvereize@gmail.com)

Telephone: +256 705 987559

**4. Ms. Kigambo Monica**

Robust project assistant-Makerere University

Email: [monicakigambo@gmail.com](mailto:monicakigambo@gmail.com)

Telephone: +256 779 902 534