



African Population and
Health Research Center
Transforming lives in Africa through research

CEMA
Center for Epidemiological
Modelling and Analysis



**United States
International
University-Africa**
Education to take you places

IDM INSTITUTE FOR
DISEASE MODELING

Agent-Based Modelling Training

Date: 28th April 2025 - 9th May 2025

Time: 8 Hours per day

Location: United States International University - Africa
(USIU - Africa)



The African Population and Health Research Centre (APHRC), with funding from the Bill and Melinda Gates Foundation, is partnering with the University of Nairobi Centre for Epidemiological Modelling and Analysis (CEMA), Jomo Kenyatta University of Agriculture and Technology (JKUAT), Strathmore University and United States International University - Africa (USIU - Africa) to offer Agent-Based Modeling training from April 28 to May 9, 2025.

The Course

The course is targeting individuals who are interested in applied epidemiological modelling and have prior experience in statistical and compartmental modelling. Successful candidates will receive training through a combination of:

- Instruction session
- Practical sessions
- Group project

Apply Here: <https://buff.ly/40g0YMQ>

What You'll Learn:

- Understand the fundamentals of Agent-Based Modelling.
- Master the creation and simulation of autonomous agents.
- Analyze emergent behavior in diverse environments.
- Application of Agent-Based Models to solve real-world challenges across various domains.

Pre-requisite

- Experience in statistical and compartmental modelling preferred.
- Skills in R/Python programming.

For more information and registration:

aphrctraining@aphrc.org

Application deadline: 29th Jan 2025.

Successful applicants will be notified by:
14th February 2025.



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