



Advanced Module
Vector Biology and Control in Ghana
21 – 30 June 2021, Zoom/face-to-face @ UCC
Cape Coast, Ghana



WHAT YOU WILL LEARN

In the lab

- Epidemiology of vector borne disease with special reference to Ghana
- Examine selected arthropods of medical importance
- Basic functional morphology of arthropods of medical importance
- Methods of evaluation of susceptibility and efficacy of insecticides and control tools
- Molecular techniques used in mosquito control



In the field

- Mosquito systematics, sampling techniques and larval survey
- Sampling techniques for vectors other than mosquitoes
- Vector behavior and disease transmission
- Vector control and challenges
- Insecticide resistance and management



AT THE END OF THE COURSE, YOU WILL BE ABLE TO

- Explain the biology and behavior of mosquitoes and relate it to control strategies
- Critically discuss the purpose and role of entomological studies in control of vector-borne diseases
- Compare the life cycle of selected vectors and relate them to disease transmission
- Apply a range of specialized technical skills relevant to mosquito control

COURSE DETAILS

- Pre-readings will be distributed two weeks prior to course start
- 8 full days, face-to-face-course (full-time attendance is required)
- Dynamic learning methods include: lectures, tutorials, practical work and field trips
- Post-course assignment is due two weeks after the end of the face-to-face-course
- Every participant receives a certificate of attendance and 3 ECTS credit points upon successful completion of the whole course



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TUITION FEE AND SCHOLARSHIPS

Tuition fee: 700 Ghana Cedis

Scholarships to cover the tuition fees are available for Ghanaian participants.

REQUIRED REGISTRATION DOCUMENTS

- ✓ Professional Training/Experience: Participants are expected to be trained in life sciences with a basic understanding of vector-borne diseases. In terms of entomological training, this course is intended as an introductory course.
- ✓ Applying for a Scholarship: Please send a motivation letter explaining why you would like to participate and in how far is the course useful for your career.

Participants who require scholarship should send their motivation letter to vectorbiol.oh-target@ucc.edu.gh by close of date 14.05.2021. Further details will be communicated after submission.

**Participants who do not require scholarship should please find below the link to registration to the module:
<https://www.cih.lmu.de/education/study-programs/short-term-courses/advanced-modules-int-health/registration> Registration deadline is 14.05.2021 at the latest!**

COURSE COORDINATORS

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CONTACT

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