



SEAOHUN's 14 One Health Modules: learning better responses to complex health problems



The Southeast Asia One Health University Network (SEAOHUN) links and empowers leading universities in Southeast Asia to generate social and intellectual capital on One Health against new, emerging, and re-emerging infectious disease threats. It works with 67 universities in four countries: Indonesia, Malaysia, Thailand, and Vietnam to improve the capacity of the current and future workforce in using One Health approaches to prevent, detect and respond to infectious disease threats.

Strengthening and expanding One Health education and training programs offers a sustainable means to train the current and future One Health workforce. SEAOHUN supports four One Health national networks and member universities in institutionalizing education and training programs and reforms to ensure that current and future health professionals have access to quality One Health training in their own countries. Examples include working with university members to incorporate One Health concepts, skills, and competencies into student learning through curriculum modifications and extra-curricular programming. Curriculum development is an important part of SEAOHUN's work. In 2014, SEAOHUN worked with the One Health Workforce and country-level networks in Indonesia, Malaysia, Thailand and Vietnam to develop 14 One Health course modules. With the input of more than 30 One Health experts, including veterinary science, medicine, public health, ecology and instructional design experts, these modules help health professionals work across disciplines to respond to complex One Health problems.



SEAOHUN One Health modules equip current and future health professionals with the knowledge, skills, attitudes, and behaviors required to work collaboratively across disciplines and sectors to prevent, detect, and respond to infectious disease threats. The modules address technical skills such as infectious disease management, epidemiology and risk analysis, and ecosystem health as well as core competencies or soft skills including collaboration, leadership, management, and communication. In essence, they are covered, providing a comprehensive approach for effective disease prevention, surveillance, and response.



SEAOHUN's One Health Modules

are comprised of seven technical and seven core competencies modules which will help to build the skills, knowledge, and ability of learners to effectively look for answers to public health challenges beyond one's own discipline and to successfully function as an integral part of a larger, multi-disciplinary, team of professionals.



The seven technical modules are:

- One Health Concepts and Knowledge
- Fundamentals of Infectious Disease
- Infectious Disease Management
- Epidemiology and Risk Analysis
- Fundamentals of Public Health
- Ecosystem Health
- Behavior Change

The seven core competency modules are:

- Collaboration and Partnership
- Communication and Informatics
- Culture, Beliefs, Values and Ethics
- Leadership
- Management
- Policy, Advocacy and Regulation
- Systems Thinking

Each module includes a facilitator guide, a student guide, presentation slides and related resources. The modules are free of charge and can be adapted as needed. Visit www.seaohun.org to download the materials.

SEAOHUN and its partners are working to integrate One Health core competencies into university curriculums to better prepare tomorrow's One Health workforce to combat infectious disease threats.

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