

Goal

This module introduces public health decision-makers to the process of implementing new evidence on health interventions, as well as to the monitoring and the evaluation of public health programmes.

Specifically, the module aims to

- discuss the process of reviewing and implementing new evidence on health interventions
- argue factually the use of randomized controlled trials or alternative study designs for the evaluation of new and existing public health interventions
- showcase strategies and approaches for developing monitoring and evaluation strategies for public health programmes

Finally, the module intends also to address the following issues:

- Ethical arguments
- Contextual factors for the implementation of new public health programmes
- Perspectives from both high-income and low-income countries

Contents

This module is divided into four main components:

- An introduction to the concept of health interventions and their initial evaluation, including the «development pipeline» for new interventions; followed by a systematic comparison of randomised controlled trials and alternative study designs
- A case study on the use of insecticide-treated mosquito nets for malaria control in sub-Saharan Africa: from the very first studies in the field to policy formulation at national and international levels, and finally large-scale implementation and its evaluation
- A case study on the monitoring and evaluation of the national malaria control programme in Papua New Guinea
- A case study from Switzerland on the monitoring and evaluation of a health system programme

Methods

- Introductory lectures (general principles, specific examples)
- Exercises based on case studies
- Group work

Exam

Group work and presentation

Preparation and postprocessing

10 hours preparation, no postprocessing

ECTS Credits

1 ECTS credit

Target audience

Health professionals with basic knowledge of epidemiology and an interest in monitoring and evaluation

Requirements

required are:

- «Introduction to Epidemiology and Study Designs» (B101.20)
- «Konzepte, Methoden und Anwendungen der deskriptiven und analytischen Epidemiologie» (B102.30)

Organisation

Schweizerisches Tropen- und Public Health-Institut, Basel
Universität Basel

Coordination of module

Prof. Dr. phil. Christian Lengeler, Schweizerisches Tropen- und Public Health-Institut, Basel

Lecturers and tutors

Prof. Dr. phil. Christian Lengeler und PD Dr. phil. Manuel Hetzel, Schweizerisches Tropen- und Public Health-Institut, Basel;
Prof. Dr. med. Nicolas Senn, Institut universitaire de médecine de famille, CHUV

Dates

4 and 5 November 2021

Location

Basel

Fees

CHF 1'100.-

Registration deadline

4 September 2021

Additional information

Teaching languages: English and German

The module will be taught in distance education mode if required by COVID-19 regulations.