

## 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 course aims

- to discuss the process of reviewing and implementing new evidence on health interventions
- to argue factually the use of randomized controlled trials or alternative study designs for the evaluation of new and existing public health interventions
- to plan and execute the monitoring of routine health programmes

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

- Ethical arguments
- Study designs and evaluation
- Propose and discuss critically alternative options for programme monitoring and evaluation

## Contents

This course 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; the course systematically compares randomised controlled trials and alternative 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 primary health care 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 course

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

## Lecturers and tutors

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

## Dates

5 and 6 November 2020

## Location

Basel

## Fees

Fr. 1100.-

## Registration deadline

5 September 2020

## Additional information

Language: English and German