

Goal

This module introduces public health decision makers to the process of implementing new evidence on health interventions, 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 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 program 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 health programmes.

Methods

- Introductory lectures (general principles, specific examples)
- Short 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 Dr. Manuel Hetzel, Schweizerisches Tropen- und Public Health-Institut, Basel;
Dr. med. Jean-Pierre Gervasoni, Institut universitaire de médecine sociale et préventive, Université de Lausanne

Dates

23 and 24 November 2017

Location

Basel

Fees

Fr. 1100.-

Registration deadline

23 September 2017

Additional information

Language: English and German