

<b>Goal</b>	<p>This module introduces public health professionals and decision-makers to the process of translating new evidence into public health action, and to the monitoring and evaluation of public health programmes.</p> <p>Specifically, the module aims to</p> <ul style="list-style-type: none"> <li>- discuss the process of reviewing and implementing new evidence on health interventions</li> <li>- argue factually the use of randomized controlled trials and alternative study designs, including routine surveillance, for the evaluation of new and existing public health interventions</li> <li>- showcase strategies and approaches for developing monitoring and evaluation strategies for public health programmes</li> </ul> <p>Finally, the module intends also to address the following issues:</p> <ul style="list-style-type: none"> <li>- Ethical considerations</li> <li>- Contextual factors for the implementation of new public health programmes</li> <li>- Perspectives from both high-income and low-income countries</li> </ul>
<b>Contents</b>	<p>This module is divided into four main components:</p> <ul style="list-style-type: none"> <li>- 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</li> <li>- 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</li> <li>- A case study on the monitoring and evaluation of the national malaria control programme in Papua New Guinea, including a discussion on the use of routine surveillance</li> <li>- A case study from Switzerland on the monitoring and evaluation of a health system programme</li> </ul>
<b>Methods</b>	<ul style="list-style-type: none"> <li>- Introductory lectures (general principles, specific examples)</li> <li>- Exercises based on case studies</li> <li>- Group work</li> </ul>
<b>Exam</b>	Group work and presentation
<b>Preparation and postprocessing</b>	10 hours preparation, no postprocessing
<b>ECTS Credits</b>	1 ECTS Credit
<b>Target audience</b>	Health professionals with basic knowledge of epidemiology and an interest in monitoring and evaluation
<b>Requirements</b>	<p>required are:</p> <ul style="list-style-type: none"> <li>- «Introduction to Epidemiology and Study Designs» (B101.20)</li> <li>- «Konzepte, Methoden und Anwendungen der deskriptiven und analytischen Epidemiologie» (B102.30)</li> </ul>
<b>Organisation</b>	Schweizerisches Tropen- und Public Health-Institut, Basel Universität Basel
<b>Module lead</b>	Prof. Dr. phil. Christian Lengeler, Schweizerisches Tropen- und Public Health-Institut, Basel
<b>Lecturers and tutors</b>	Prof. Dr. phil. Christian Lengeler und PD Dr. phil. Manuel Hetzel, Schweizerisches Tropen- und Public Health-Institut, Basel; Prof. Dr. med. Nicolas Senn, Département de médecine de famille, Unisanté, Lausanne
<b>Dates</b>	21 and 22 November 2022
<b>Location</b>	Basel
<b>Fees</b>	CHF 1'100.-
<b>Registration deadline</b>	21 September 2022
<b>Additional information</b>	Teaching languages are English and German.