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| Goal | <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"> - discuss the process of reviewing and implementing new evidence on health interventions - 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 - showcase strategies and approaches for developing monitoring and evaluation strategies for public health programmes <p>Finally, the module intends also to address the following issues:</p> <ul style="list-style-type: none"> - Ethical considerations - Contextual factors for the implementation of new public health programmes - Perspectives from both high-income and low-income countries |
| Contents | <p>This module is divided into four main components:</p> <ul style="list-style-type: none"> - 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, including a discussion on the use of routine surveillance - A case study from Switzerland on the monitoring and evaluation of a health system programme |
| Methods | <ul style="list-style-type: none"> - 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 | <p>required are:</p> <ul style="list-style-type: none"> - «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 |
| Module lead | Prof. Dr. phil. Manuel Hetzel, Schweizerisches Tropen- und Public Health-Institut, Basel |
| Lecturers and tutors | Prof. Dr. phil. Christian Lengeler und Prof. Dr. phil. Manuel Hetzel, Schweizerisches Tropen- und Public Health-Institut, Basel; Prof. Dr. med. Nicolas Senn, Département de médecine de famille, Unisanté, Lausanne |
| Dates | 6 and 7 November 2023 |
| Location | Basel |
| Fees | CHF 1'100.- |
| Registration deadline | 06 September 2023 |
| Additional information | Teaching languages are English and German. |