

## Contact Registrations

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Short Courses in International Health

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## Course Coordination

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## Master of Science in International Health

The MSc. programme begins with a three month Core Module that introduces students to the field of International Health. Students then enter either the fixed set of advanced modules at Heidelberg or choose among a wide range of courses within the tropEd network. A Masters Thesis must also be completed for the MSc. in International Health degree.

For more information please contact  
[MSc\\_IH@uni-heidelberg.de](mailto:MSc_IH@uni-heidelberg.de).

## tropEd

TropEd is a network of over 30 institutions for higher education in international Health. It offers a flexible modular structure and the European-wide recognition of a Masters Degree in International Health.

ECTS credits towards the Masters in International Health will be provided for the accredited modules offered at Heidelberg. More information on tropEd: [www.tropEd.org](http://www.tropEd.org).

## Short Courses in International Health tropEd Advanced Modules 2015

### Disease Control: Strategies and Policies

January 12 – 23, 2015

### Public Health Anthropology: Concepts and Tools

January 26 – February 06, 2015

### Improving the Quality of Healthcare Services in Resource Poor Settings

February 09 – 20, 2015

### Global Challenges in Reproductive Health: Evidence and Tools for Programme Implementation

February 23 – March 06, 2015

### Consultancy Skills: Evaluation of Health Facilities, Projects & Programmes

March 09 – 20, 2015

June 15 – 26, 2015

### Proposal Writing as a Consultancy Skill

March 23 - 27, 2015

### Financing Health Care: Concepts, Challenges and Practices

April 13 – 24, 2015

### Decision Making in Public Health Practice

April 27 – May 01, 2015

### Public Health and Disasters

May 04 – 15, 2015

### Climate Change and Health: Impacts and Adaptation Policies

May 18 – 29, 2015

### Health and Human Rights

June 01 – 12, 2015

### Quality Management in International Health

June 29 – July 10, 2015

### Mixed Methods in International Health Research

July 13 – 24, 2015

### Leadership and Change Management in International Health

July 27 – August 07, 2015



UniversityHospital Heidelberg

Institute of  
Public Health

# Disease Control: Strategies and Policies

January 12 – 23, 2015



## Course Description

Building on basic knowledge of major diseases and specific experience in their control and quantitative and qualitative research methods, this course deepens the understanding of principles and strategies in disease control and equips students with the skills to successfully establish, strengthen or to systematically review disease control programmes.

The course has a strong focus on disease control in disadvantaged populations of developing countries.

Global, regional and local examples are being used to analyse strengths and weaknesses of existing policies and strategies. Special emphasis is placed on how to strengthen multi-disciplinary and inter-sectoral collaboration and how to involve communities and patients effectively in disease control programmes.

## Content Overview

- Introduction to principles and strategies of disease control and disease eradication programmes
- Introduction to the Global Burden of Disease
- Communicable disease control and the role of health promotion in control strategies
- The application of surveillance systems, monitoring and evaluation in disease control programmes
- Outbreak control
- Dengue control: Clinical and vector control strategies
- Polio eradication: The last mile
- Helminth control
- HIV/AIDS control: Pattern of the epidemic, case studies on HIV prevention from Asia and sub-Saharan Africa, and disease management strategies and their application in sub-Saharan Africa
- Rabies control: Addressing a complex zoonosis
- Malaria control: Clinical and vector control strategies
- Human African Trypanosomiasis control
- Tobacco control

- Diabetes control in sub-Saharan Africa
- Case studies in communicable and non-communicable disease control from the home countries of course participants
- The impact of the epidemiological transition for disease control programmes in developing countries
- Disease control and human resources, the role of formal/informal health services in the health system

## Learning Objectives

After successful completion, participants should be able to:

- Explain the composition, distribution, determinants and future projections of the global and regional burden of major diseases and to draw implications for disease control programmes
- Apply different surveillance systems in disease control
- Explain the differences between control of diseases and elimination/eradication of diseases
- Critically analyse the application of disease control principles using different strategies and approaches such as Primary Health Care, inter-sectoral collaboration, multi-disciplinary approaches, and community participation
- Distinguish strengths and weaknesses of recent policies and developments in the control of a number of endemic and epidemic diseases
- Examine policies and developments in the eradication of selected diseases
- Critically apply new strategies for health promotion and disease control
- Analyse the role of formal and informal health services in disease control

## Learning Methods

The course aims to initiate an active participatory learning process. It uses a mixture of input lectures, case studies, group work, literature review and individual assignments.

## Assessment Procedures

Assessment is through class participation in group work and presentations (20%) and a final written examination (80%).

## Duration / Accreditation

2 weeks / 90 hours (60 contact hours, 30 self study hours); Full time attendance required.

3 ECTS (tropEd)

## Target Group / Prerequisites

Public health professionals, project planners and managers, paramedical staff, social scientists, tropEd students, etc.

The course is held in English. Fluent English (Reading, Speaking and Writing) is required for the course.

Previous course work or experience in disease control desirable.

## Course Fee

General Admittance	€ 1.500,-
tropEd students	€ 1.000,-

Unfortunately, the Institute cannot offer any scholarships.

A non-refundable registration fee of € 200 is included in the course fee. The course fee covers coursework, printed materials, coffee breaks and a pass for the Heidelberg public transportation system, but it does not include accommodation, insurance or other personal living costs during the stay.

## Registration

Please register as soon as possible as the number of participants is limited. First come, first serve.

Registrations are as such possible as long as seats are still available, but please keep in mind the time you need for travel and visa arrangements.