



Course

European Course on Tropical Epidemiology (ECTE)

28 August - 15 September 2017

More information
www.isglobal.org/education

ISGlobal will host the 36th edition of this
course on basic epidemiology and
biostatistics.

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European Course on Tropical Epidemiology (ECTE)

About the course

The European Course in Tropical Epidemiology (ECTE) is 3-week intensive course on basic epidemiology and biostatistics. It is designed for a wide range of health professionals, including medics, nurses, biologists, and anthropologists working in the health sector. The course is intended for those professionals currently working in low and middle income countries, or with a specific interest in public health in those settings. It focuses on methodology and the practical application of epidemiological tools in high-burden countries.

ECTE is a collaborative venture of various European centres of public, international, and global health and is held each year at a different venue. Although this is a basic course, some understanding of basic concepts of statistics is helpful.

For more information see: www.ecte.org or write to us at organizer@ecte.org

Participating institutions

- School of Global Health, University of Copenhagen, Denmark
- Barcelona Institute for Global Health (ISGlobal), Barcelona, Spain
- Institute of Tropical Medicine and International Health, Charité - Universitätsmedizin Berlin, Germany
- Department of Public Health, Prince Leopold Institute for Tropical Medicine, Antwerp, Belgium
- Gothenburg University, Sahlgrenska Academy, Health Metrics, Gothenburg, Sweden
- Institute of Public Health, Heidelberg University, Germany
- Swiss Tropical and Public Health Institute, Basel, Switzerland
- Liverpool School of Tropical Medicine, Liverpool, UK
- Centre for Tropical Diseases, Sacro Cuore - Don G. Calabria Hospital, Negrar, Verona, Italy
- Instituto de Higiene e Medicina Tropical (IHMT), Universidade Nova de Lisboa, Portugal

Application

The course has a maximum enrolment of 30 students and is run at full capacity in most years. Please apply early to secure your place using the **ECTE 2017 Application Form**: <http://bit.ly/2iIMm6F>

Details

Dates: 28 August - 15 September 2017

Location: University of Barcelona, Faculty of Medicine, c/ Casanova, 143, Barcelona.

Tuition: 2,000€

Language of instruction: English

Students who complete the course will receive a certificate of participation.

Methodology & Topics

The course uses a combination of lectures, seminars, group and practical work, and computer exercises using the public domain software EPI-INFO to cover topics, including:

- Principles of epidemiology
- Types of epidemiological studies
- Qualitative and mixed methods research approaches in epidemiology
- Questionnaire design
- Sampling and sample size calculation
- Principles of epidemiological data analysis
- Risk factors, high risk groups and risk estimation
- Validity of diagnostic tests
- Screening
- Basic infectious disease epidemiology
- Outbreak investigation and response
- Data entry, checking and processing
- Computer-based basic statistics
- Health Impact Assessment