

INFORMATION

Enrolment is open for

- Professionals in health departments, other health agencies and industry, and health professionals like physicians, microbiologists and epidemiologists
- Public Health experts and Public Health students including PhD and MSc students.

Prerequisites

A diploma (Bachelor or Master) in health related sciences or M.D., and basic knowledge in epidemiology.

Tuition

The tuition of enrolment for the International Summer School is 500/270 Euro. Postgraduate or doctoral students pay the lower price. The tuition includes instruction, course materials, the use of computer centre facilities, and the recently published textbook "Modern infectious disease epidemiology", Springer New York, 2010:

<http://www.springer.com/statistics/stats+life+sci/book/978-0-387-93834-9>.

Application

The number of participants is restricted to 30 persons. You are encouraged to bindingly apply as soon as possible including payment of registration fee.

Location

Bielefeld University
School of Public Health
P.O. Box 10 01 31, Universitätsstr. 25
D-33501 Bielefeld, Germany

CONTACT

Programme Directors

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Coordination

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Application form and further information:
<http://www.uni-bielefeld.de/gesundhw/ag2/summerschoolide>

12th International Summer School

Infectious Disease Epidemiology (IDE)

Concepts, Methods, Public Health, and Mathematical Models

13th - 17th September 2010



The "International Summer School 2010" is an advanced training course of the Institute for Innovation Transfer at the University of Bielefeld GmbH (IIT) in cooperation with the Faculty of Health Sciences, University of Bielefeld.
Academic Advisor: Prof. Dr. Alexander Krämer
Supervisory Board: Prof. Dr. h.c. Helmut Steiner (Chairman)
Managing Director: Dipl.-Soz. Ludwig Pleus
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OBJECTIVES

The International Summer School Programme Infectious Disease Epidemiology (IDE) focusses on statistical and epidemiological methods for controlling predominant health problems of the 21st century. Among the structural determinants of infectious diseases are population growth, mobility, urbanization, poverty, climate and environmental change and insufficient health care systems, which will deteriorate further with the financial crisis in many parts of the world. The course will teach specific statistical methods in order to detect, and adequately respond to global and local health problems, e.g. in megacities.

The IDE course will provide a deep understanding of the special IDE concepts and methods. The participants will be enabled to manage an outbreak, to correctly create and interpret surveillance data, and to perform simple mathematical modelling for the spread of IDEs as well as to use basic health economic evaluations. In addition they will know how to apply the learned concepts and methods to actual global and local public health challenges.

Announcement

Please note that you may also apply for International Summer Schools

Health Issues in Humanitarian Crises

7th-11th September 2010

http://iph-partnership.org/index.php?title=IPH_International_Summer_School

and

Spatial Epidemiology in Megacities: Health, Climate Change and Geospatial Modelling

13th-17th September 2010

<http://www.uni-bielefeld.de/gesundhw/ag2/summerschoolmc/>

PROGRAMME

- Modern epidemiological methods for infectious diseases
- Outbreak investigation and surveillance
- SPSS for data analysis and basic health statistics
- Mathematical modelling
- Health economical evaluations
- Vaccinations
- Impact of climate and environmental change on infectious diseases
- Antibiotic resistance and nosocomial infections
- STIs including HIV/AIDS and viral hepatitis B/C
- Pandemic influenza A(H1/N1)

Teaching methods

The course contains lectures, computer classes, individual consultation and two assignments. Teaching language is English.

Certificate

All participants who successfully complete the programme will be awarded a certificate issued by the School of Public Health, University of Bielefeld, to be used for further qualification in infectious diseases, epidemiology or public health. In addition a certificate for 3 ECTS points is issued on demand.

The IDE programme is certified by the Ärztekammer Westfalen-Lippe for continuing education.

LIST OF LECTURERS

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