

Registration

Registration for this course can be made online (www.umat.at/htads) or by fax (the registration form in PDF format is available on our website).

Registration Fee

▶ Course fee academic/public Euro 1,900
before 30 November 2011 Euro 1,450

▶ Course fee commercial Euro 2,900
before 30 November 2011 Euro 2,450

▶ Discounts

Group Registrations – Save 15%

Register with three or more colleagues and save!

Students/Alumni – Save 20%

If you have previously participated in a Continuing Education Program Course on HTADS, you are eligible for a discount on select future programs.

Course fees include a comprehensive syllabus, an extensive binder with background reading material, course certificate, snacks and lunch, but not accommodation.

Payment details and cancellation policy are available on www.umat.at/htads

Certificates will be provided to all participants.

You can earn 6 ECTS credits if you pass the exam at the end of the course.

Course Location

UMIT Campus
Eduard Wallnoefer Center I
A-6060 Hall i.T. (close to Innsbruck), Austria
www.umat.at

Contact

Continuing Education Program on
HTA & Decision Sciences (HTADS)
Institute of Public Health, Medical Decision Making and HTA
UMIT – University for Health Sciences,
Medical Informatics and Technology
Eduard Wallnoefer Center I
A-6060 Hall i.T., Austria
Telephone +43/50/8648-3901
Fax +43/50/8648-673901
Email htads@umat.at

Further information about this and other UMIT programs are available on our website:

www.umat.at/htads

Quotes from Recent Participants

"Very lively and interactive course"

"International course"

"Well organized and friendly teaching staff"

"Learning difficult subjects through many examples"

"Outstanding didactical skills"

"Teaching becomes an event"



**6-DAY CERTIFIED COURSE
HTADS CONTINUING EDUCATION PROGRAM**

Winter School in Clinical Epidemiology

UMIT

the health & life sciences university

Institute of Public Health,
Medical Decision Making & Health
Technology Assessment

What is the Continuing Education Program on Health Technology Assessment & Decision Sciences (HTADS)?

Prof. Uwe Siebert, MD, MPH, MSc, ScD
HTADS Program Director

▶ Health Technology Assessment (HTA)

has been defined by the International Network of Agencies for HTA (INAHTA) as “a multidisciplinary field of policy analysis studying the medical, economic, social, and ethical implications of development, diffusion and use of health technologies (e. g., drugs, devices, surgical procedures, prevention techniques)”. In conducting HTA, the discipline of decision sciences has become increasingly relevant.

▶ Decision Science (DS)

is the application of explicit and quantitative methods to analyze decisions under conditions of uncertainty (e.g., meta-analysis, decision-analytic modeling, cost-effectiveness analysis). In recent years, HTA and DS have become very important to health care policymakers. In order to keep pace with these developments, the UMIT – HTADS Program was designed to provide excellent quality education and comprehensive training in the key issues of HTA and DS for anyone involved in the health sector. The course faculty is drawn from leading international experts from universities, industry HTA agencies and representatives from other relevant areas who are committed to provide independent teaching of state-of-the-art principles.

Further HTADS Courses

- ▶ **4-Day Certified Course** Introduction to Health Technology Assessment, 10-13 October 2011
- ▶ **3-Day Certified Course** in Scientific Writing for the life Sciences, 22-24 September 2011
- ▶ **3-Day Certified Course** Modeling Approaches for HTA: a Practical Hands-On Workshop, May/June 2012

www.umat.at/htads



Course Faculty

▶ Prof. Albert Hofman, MD, PhD

Professor of Epidemiology (Erasmus University), Adjunct Professor of Epidemiology (Harvard University) Dept. of Epidemiology, Erasmus Medical Center, Rotterdam, The Netherlands

▶ Prof. Uwe Siebert, MD, MPH, MSc, ScD

Professor of Public Health (UMIT), Adjunct Professor of Health Policy and Management (Harvard University), Chair, Dept. of Public Health and Health Technology Assessment, UMIT - University for Health Sciences, Medical Informatics and Technology, Hall i.T., Austria

▶ Dr. Ursula Rochau

Senior Scientist, Dept. of Public Health and Health Technology Assessment, UMIT, Hall i.T., Austria and ONCOTYROL – Center for Personalized Cancer Medicine, Innsbruck, Austria

Target Audience

▶ The 6-Day Certified Course in HTA is created for members of

- ▶ Healthcare & health policy organizations, national HTA agencies
- ▶ Pharmaceutical & medical device industry
- ▶ Academia and research institutions
- ▶ Health insurances/sickness funds
- ▶ Consultancy organizations

Course Description

Clinical epidemiology is the application of epidemiologic principles and methods to problems encountered in public health and clinical medicine. It provides important information for clinicians and health policy decision makers in order to identify risk factors for diseases and to determine optimal preventive, diagnostic and therapeutic strategies for individuals and populations. This course covers the key elements and methods of clinical epidemiology and combines theoretical concepts with practical applications using real world case examples.

▶ Day 1

▶ Introduction to Public Health & Epidemiology

Overview of public health areas and methodological approaches, key epidemiological concepts, disease frequency & effect measures, study designs, bias

▶ Day 2

▶ Risk

Determinants of disease, disease risk, prospective cohort study, risk function

▶ Day 3

▶ Treatment Efficacy

Randomized clinical trial, design options, analysis of clinical trial, meta-analysis

▶ Day 4

▶ Treatment Safety

Intended and unintended effects, confounding-by-indication, case-control study

▶ Treatment Prognosis

Prognosis studies, retrospective cohort study, Kaplan Meier curve, Cox-regression models

▶ Day 5

▶ Diagnosis

Diagnostic studies, Bayes theorem, logistic regression

▶ Day 6

▶ Decision Analysis in Public Health & Medicine

Types of decision models, clinical decision analysis and cost-effectiveness analysis

Daily office hours are provided in our lab following the afternoon sessions.