



27 - 29 January 2025

3-DAY CERTIFIED UNIVERSITY COURSE

## Registration Fee

\_ **Course fee academic/public** ..... Euro 1,450  
Early booking fee until 16 December 2024 Euro 950

\_ **Course fee commercial** ..... Euro 2,950  
Early booking fee until 16 December 2024 Euro 2,450

### \_ Discounts

#### **Group Registrations – Save 15 %**

Register with three or more colleagues and save!

#### **Alumni – Save 15 %**

UMIT TIROL Alumni or if you have previously participated in a Continuing Education Program Course on HTADS, you are eligible for a discount on this course.

Course fee includes a comprehensive syllabus, background reading material and course certificate.

Certificates will be provided to all participants. You can earn 4 ECTS credits if you pass the exam at the end of the course.

**Registration for this course can be made online.**  
**Payment details and cancellation policy are available on [www.htads.org](http://www.htads.org)**

## Contact & Course Location

**Continuing Education Program on  
HTA & Decision Science (HTADS)**

**Institute of Public Health, Medical Decision  
Making and HTA**

**UMIT TIROL – University for Health Sciences  
and Technology**

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HTADS Newsletter:

[www.umit-tirol.at/htads-news](http://www.umit-tirol.at/htads-news)

# Introduction to Health Technology Assessment and Health Economics

online



# What is the Continuing Education Program on Health Technology Assessment & Decision Science (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) and all regional HTA networks as “a multidisciplinary process that uses explicit methods to determine the value of a health technology at different points in its lifecycle. The purpose is to inform decision-making in order to promote an equitable, efficient, and high-quality health system” HTA is a multidisciplinary field and includes the assessment of benefits, harms, and economic, ethical, legal, social, organizational implications as well as patient aspects 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 analyse decisions under conditions of uncertainty (e.g., meta-analysis, decision-analytic modeling, benefit-harm and 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 TIROL – 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, patient advocacy groups and representatives from relevant areas who are committed to provide independent teaching of state-of-the-art principles.

## Target Audience

- Students and professionals in health & life sciences
- Healthcare & health policy organizations
- National HTA agencies
- Pharmaceutical & medical device industry
- Academia and research institutions
- Health insurances / sickness funds
- Consultancy organizations
- Patient representatives

## Course Faculty

### Univ.-Prof. Dr. Uwe Siebert, MPH

Professor of Public Health, Medical Decision Making and HTA (UMIT TIROL) and Adj. Professor of Epidemiology and Health Policy & Management (Harvard Univ.), Former President of the Society for Medical Decision Making (SMDM), Chair of the Department of Public Health, Health Services Research and HTA, UMIT TIROL – University for Health Sciences and Technology, Hall in Tirol, Austria

### Assoc.-Prof. Dr. Beate Jahn

Associate Professor and Head of the Program for Personalized and Precision Medicine, Past Vice-President, Society for Medical Decision Making (SMDM), Past President ISPOR Chapter Austria, Institute of Public Health, Medical Decision Making and HTA, UMIT TIROL – University for Health Sciences and Technology, Hall in Tirol, Austria

### Dr. Sibylle Puntischer

Senior Scientist, Dept. of Public Health, Health Services Research and HTA, UMIT TIROL – University for Health Sciences and Technology, Hall in Tirol, Austria

### Dr. Petra Schnell-Inderst, MPH

Senior Scientist and Head of the Program on Health Technology Assessment, Dept. of Public Health, Health Services Research and HTA, UMIT TIROL – University for Health Sciences and Technology, Hall in Tirol, Austria

### Dr. Jan Stratil, BSc, PhD

Senior Scientist, Dept. of Public Health, Health Services Research and HTA, UMIT TIROL – University for Health Sciences and Technology, Hall in Tirol, Austria

## Course Description

This course covers the following topics:

- Key principles and practice of HTA and health economics (HE)
- Assessing health outcomes; clinical and epidemiological study types; utilities; QALY concept
- Assessing resource utilization and costs; economic study types (cost-effectiveness, cost-utility, cost-benefit, etc.), budget impact analysis
- Cost-effectiveness analysis along the trial
- Decision-analytic modelling; model types (decision trees, Markov models, discrete event simulation, agent-based models)
- Assessing uncertainty
- Informing pricing and reimbursement decisions; league tables, ICER thresholds

- Using real world evidence (RWE) in HTA and HE
- Critical study appraisal
- HTA and HE in Europe, Role of HE in HTA
- Good practices and guidelines for economic evaluation, Modeling and HTA (EUnetHTA, ISPOR-SMDM, CHEERS, etc.)
- HE and HTA from different perspectives (agency, industry, decision maker, patients, etc.)
- Breakout sessions and exercises assessing health economic publications and HTA reports

There are no pre-requisites for this course.

Course language is English. Both native and non-native English speakers are welcome.

## Further HTADS Courses

### Introduction to Statistics with R

An Applied 3-Day Hands-On Workshop  
3-Day Certified University Course, 23-25 October 2024

### Scientific Reporting and Writing

3-Day Certified University Course, 05-07 December 2024

### Winter School in Clinical Epidemiology

5-Day Certified University Course, 10-14 February 2025

### Introduction to Systematic Reviews and Meta-Analysis – ONLINE

3-Day Certified University Course, 20 - 22 March 2025

### Modeling Approaches for HTA

A Practical Hands-on Workshop  
3-Day Certified University Course, 02-05 April 2025

### Causal Inference for Assessing Effectiveness in Real World Data and Clinical Trials

A Practical Hands-on Workshop  
5-Day Certified University Course, 19-23 May 2025

### Scientific Reporting and Writing – ONLINE

3-Day Certified University Course, TBD May 2025

### Advanced Systematic Reviews and Meta-Analysis – ONLINE

3-Day Certified University Course, 12-14 June 2025