



20 - 22 March 2025

3-DAY CERTIFIED UNIVERSITY COURSE

Registration Fee

- **Course fee academic/public** Euro 1,450
Early booking fee until 06 February 2025 Euro 950
- **Course fee commercial** Euro 2,950
Early booking fee until 06 February 2025 Euro 2,450

▪ Discounts

Group Registrations – Save 15%

Register with three or more colleagues and save!

Alumni – Save 20%

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 course materials and course certificate. Certificates will be provided to all participants. You can earn 5 ECTS credits if you successfully complete the online exercises and actively participate during the attendance period of the course.

Registration for this course can be made online.

Payment details and cancellation policy are available on www.htads.org

In case of international travel restrictions, the course will be organized as synchronous online course.

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

Introduction to Systematic Reviews and Meta-Analysis

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) 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 science 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, 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 and representatives from other relevant areas who are committed to provide independent teaching of state-of-the-art principles.



Course Faculty

Marjan Arvandi, PhD, MSc

Course Director, Institute of Public Health, Medical Decision Making and HTA, Department of Public Health, Health Services Research and HTA, UMIT TIROL – University for Health Sciences and Technology, Hall in Tirol, Austria

Lisa M. Hess, PhD

Senior Research Advisor, Global Patient Outcomes, Indiana University, USA

Rachel Richardson, MA, MBA

Methods Support Unit Manager, Evidence Production and Methods Directorate, Cochrane Central Executive Team, UK

Jan Stratil, BSc, PhD

Senior Scientist, Institute of Public Health, Medical Decision Making and HTA, Department of Public Health, Health Services Research and HTA, UMIT TIROL – University for Health Sciences and Technology, Hall in Tirol, Austria

Target Audience

The 3-day virtual meta-analysis course is aimed at members of:

Attendees with a basic knowledge of introductory statistics suitable for anyone with an interest in systematic overviews, data, analysis, data interpretation, evidence synthesis analysis and flexible approaches to data visualization scientists, health care professionals, consultancy organizations and a wide range of industries Medical, master and PhD students

Course Description

The overall aims of this course are to enable participants to:

- Formulate an answerable research question along the PICO (Population, Intervention, Comparator, Outcome) framework
- Perform a systematic literature review, including selection of databases, development of a search code, defining inclusion and exclusion criteria, data extraction and quality & bias assessment
- Develop and implement an analysis plan, including determining the interventions, the outcomes and effect measure to be used
- Understand the principles of fixed- and random-effects models and their differences
- Critically assess study quality and risk of bias

- Identify and explain heterogeneity
- Program specific software to perform a meta-analysis
- Report and interpret the results of meta-analyses
- Understand the role of meta-analysis in clinical guideline development, health technology assessment and decision making

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

Introduction to Health Technology Assessment and Health Economics – ONLINE

3-Day Certified University Course, 27-29 January 2025

Winter School in Clinical Epidemiology

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

Advanced Systematic Reviews and Meta-Analysis – ONLINE

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