



HTADS CONTINUING EDUCATION PROGRAM

Digitalization in Health and Medicine

Digital Health, Frontier Technologies, Connected Care, Digital Transformation and Future Developments

3-Day Certified University Course

ONLINE
8 – 10 October 2026

REGISTRATION FEE

Course fee academic/public

Early booking fee until 10 September 2026

Euro 1.450,-

Euro 950,-

Course fee commercial

Early booking fee until 10 September 2026

Euro 2.950,-

EUR 2.450,-

Discounts

Group Registrations – Save 15%

Register with three or more colleagues and enjoy a discount!

Alumni – Save 20%

UMIT TIROL Alumni, or those who have previously participated in a Continuing Education Program Course on HTADS, are eligible for a discount on their next course.

Course fee includes course materials and course certificate.

Certificates will be provided to all participants.

You can earn 5 ECTS if you successfully complete the online exercises, actively participate during the attendance period of the course and pass the online exam.

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CONTACT & REGISTRATION

UMIT TIROL – Private University For Health Sciences and Health Technology
Institute of Public Health, Medical Decision Making and Health Technology Assessment

Eduard-Wallnöfer-Zentrum 1
6060 Hall in Tirol, Austria
T: +43 50 8648 3901
E-Mail: htads@umit-tirol.at

Registration for this course can be made online.
Payment details and cancellation policy are available at www.umit-tirol.at/htads

HTADS Newsletter:

www.umit-tirol.at/htads-news



Further information is available at www.umit-tirol.at/htads



HTADS CONTINUING EDUCATION
health technology assessment and decision science
UMIT TIROL



COURSE OVERVIEW

The Digitalization in Health and Medicine course is a three-day online program introducing key concepts, technologies, and challenges of digital health. It offers a broad, interdisciplinary perspective on the digital transformation of healthcare systems. Expert speakers from academia, healthcare, industry, and policy will join the course through live online talks. The course is fully online, interactive, and accessible to participants from diverse professional backgrounds.

Target Audience

The course addresses a broad and interdisciplinary audience interested in digitalization in health and medicine:

- BSc-level education or comparable professional experience required
- Healthcare professionals (medicine, nursing, public health)
- Professionals from the pharmaceutical and biotechnology sectors
- Health system managers, administrators, and policy professionals
- IT, data science, engineering, and life science professionals in health-related contexts
- Early-career researchers, doctoral students and PhD candidates
- Professionals seeking continuing education or upskilling in digital health

Course Pre-requisites

Course language is English. Both native and non-native English speaking participants are welcome. No software needed.

Course Documentation

Certificates will be provided to all participants after the course. Students will receive 5 ECTS for successfully completing the assignment, as well as for their attendance and active participation during the attendance time of the course.

COURSE TOPICS

Foundations of Digital Health

- Digital health technologies, and electronic health records (EHRs)
- Patient-centered information systems and

Frontier Technologies in Healthcare

- Artificial intelligence (AI), predictive analytics for clinical decision-making
- Wearables, sensor-based monitoring, robotics, augmented & virtual reality
- Health Technology Assessment (HTA) of AI-based health and tools

Connected Care Ecosystems

- eHealth and mHealth: definitions, standards, and applications in practice
- Cloud and mobile devices for integrated and mobile-first health solutions
- Interoperability challenges and opportunities across health information systems

Digital Transformation of Health Systems

- Transformation of care models (telemedicine, hybrid care, digital-first clinics)
- Different interests and perspectives of healthcare system players

Governance, Ethics, and Challenges Systems

- Challenges of digital health: implementation, scalability, and regulation
- Cybersecurity, data protection, and responsible innovation
- Global and national regulatory frameworks in digital health
- Equity, access, and trust in technology-driven health systems

Future Directions

- Emerging concepts: digital twins, genomics, and big data for healthcare innovation
- Sustainability and resilience of digital health systems

COURSE FACULTY

Faculty members at UMIT TIROL:

Univ.-Prof. DI Dr. Bernhard Tilg
Professor, Course Director

Univ.-Prof. DI Dr. Bernhard Pfeifer
Professor

a.o. Univ.-Prof. Dr. Herwig Ostermann
a.o. University Professor

Univ.-Prof. Uwe Siebert, M.P.H. postgrad., MSc, ScD
Professor, HTADS Programm Director UMIT TIROL

Our external faculty members:

DI Dr. Günter Rauchegger
Former Managing Director of ELGA GmbH

Univ.-Prof. DI Dr. Christian Baumgartner
Head of Institute of Health Care Engineering with European Testing Center of Medical Devices, Graz, University of Technology

Prof. Klaus M. Weinberger, PhD
CEO of Health Hub Tirol GmbH

Dr. habil. Zsombor Zrubka
Associate Professor, General Director, Obuda University

FURTHER HTADS COURSES

You can find the complete course description and the complete HTADS program overview on our homepage:
www.umat-tirol.at/htads

