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**Study in  
3 Countries**

WE ARE **E<sup>3</sup>UDRES<sup>2</sup>**  
EUROPEAN UNIVERSITY

JOINT MASTER | FULL-TIME | 4 SEMESTERS | ENGLISH

# Citizen-Centered Digital Health and Social Care

St. Pölten University of Applied Sciences (Austria)  
Saxion University of Applied Sciences (The Netherlands)  
Jamk University of Applied Sciences (Finland)

# Citizen-Centered Digital Health and Social Care<sup>1</sup>

Today's healthcare systems face structural and societal challenges like an ageing population, urbanisation, and high demand in personalised (tele)care, increasing the need for innovative, citizen-centered digital health and social care solutions. This Joint Master Degree Programme prepares professionals to drive the sector's digital transformation. Are you ready to shape the future of healthcare? Then this programme is the perfect fit for you!

## Your Studies in Europe

This innovative Joint Master Degree Programme, developed by a consortium of partners within the European University Alliance E<sup>3</sup>UDRES<sup>2</sup>, focuses on the interdisciplinary creation of technically informed innovations in the healthcare sector.

### Semester Breakdown<sup>2</sup>

- 1<sup>st</sup> semester (at the St. Pölten UAS in Austria): Focused on the fundamentals of digital health and social care, you will begin with research, development and innovation strategies, and core principles in technology development, thus setting the stage for your interdisciplinary and international student journey.
- 2<sup>nd</sup> semester (at Saxion UAS in the Netherlands): Dive into specialised courses in transformatory health and care frameworks and learn how to prototype and innovate for the smart digital healthcare ecosystem.
- 3<sup>rd</sup> semester (at Jamk UAS in Finland): Adopting a more societal and social focus, you will engage in assessing and personalising integrated digital solutions to address a citizen-centered perspective in connected public health and care settings.
- 4<sup>th</sup> semester (one of the three locations): At the final stage you will refine and deepen your skills and tackle scientific and entrepreneurial challenges by writing a master thesis in close collaboration with domain experts.

## Your Benefits

**Career Advancement:** Prepare for sought-after positions that require advanced skills in the interdisciplinary design and applied development and evaluation of healthcare scenarios with the aid of digital technologies.

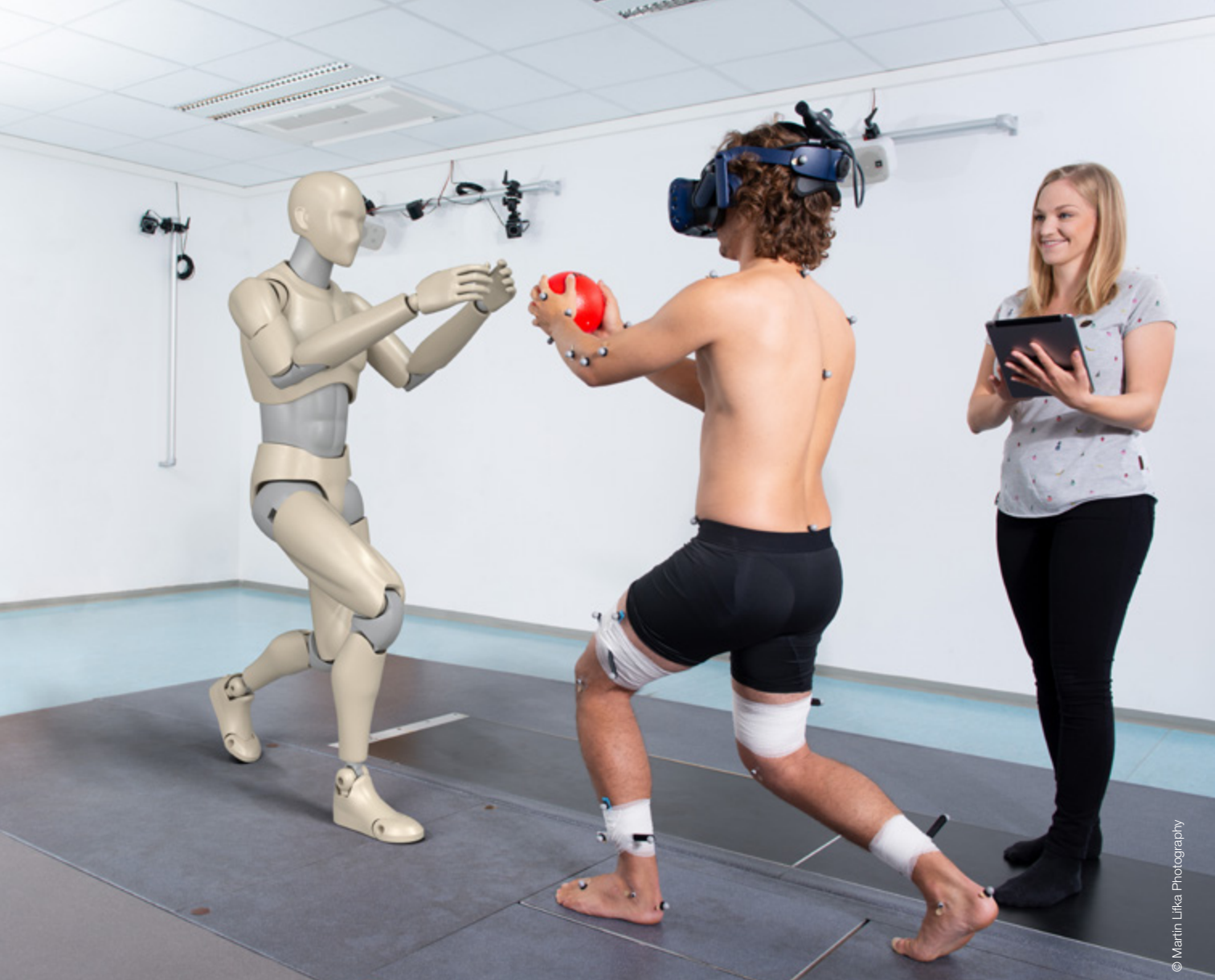
**Global Engagement:** Gain strong international experience by benefitting from a diverse learning environment and working with renowned field experts.

**Networking & Impact:** Connect with industry and academia to build a professional network that spans the globe. Our collaboration with industry and research institutes is not just about knowledge, but about creating pathways to future employment. The student journey in our curriculum bridges the gap between academic learning and professional application.

<sup>1</sup> subject to successful accreditation according to the European Approach for Quality Assurance of Joint Master Programmes by AQ Austria

<sup>2</sup> semesters 2 & 3 or 3 & 4 are likely eligible for financial support through the Erasmus+ Student Exchange grant.

<sup>3</sup> for students from third countries: 1,500 €, students may apply for performance-based tuition fee waivers



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### Academic Degree

Master of Science (MSc) -  
Joint Master Degree



### Duration of Studies

4 semesters



### Tuition Fees<sup>3</sup>

363.36 € per semester  
+ Students' Union fee



### Application & Admission Procedure

[fhstp.ac.at/guide](https://fhstp.ac.at/guide)



### Study Places/Year

24



### Organisational Form

full-time  
English

# What Makes Your Studies Unique

This Joint Master Degree Programme is more than just a degree – it is an opportunity to be part on an international and interdisciplinary collaboration, to engage with diverse teams, and to adapt to a variety of cultural contexts. Our strong industry connections offer a practical learning journey that goes beyond the classroom.

The unique **Digital Health & Social Care Mission** within the study programme will equip you with design-thinking and entrepreneurial competencies, enabling you to bring your ideas to life, from ideation and prototyping to evaluation. Our tailored student journey offers a chance to work closely with professionals, gaining invaluable insights and experience in your field of study. You will acquire not only specialist skills in health and technology, but also competencies in interprofessional and intercultural cooperation, user-centered design, development, and evaluation.

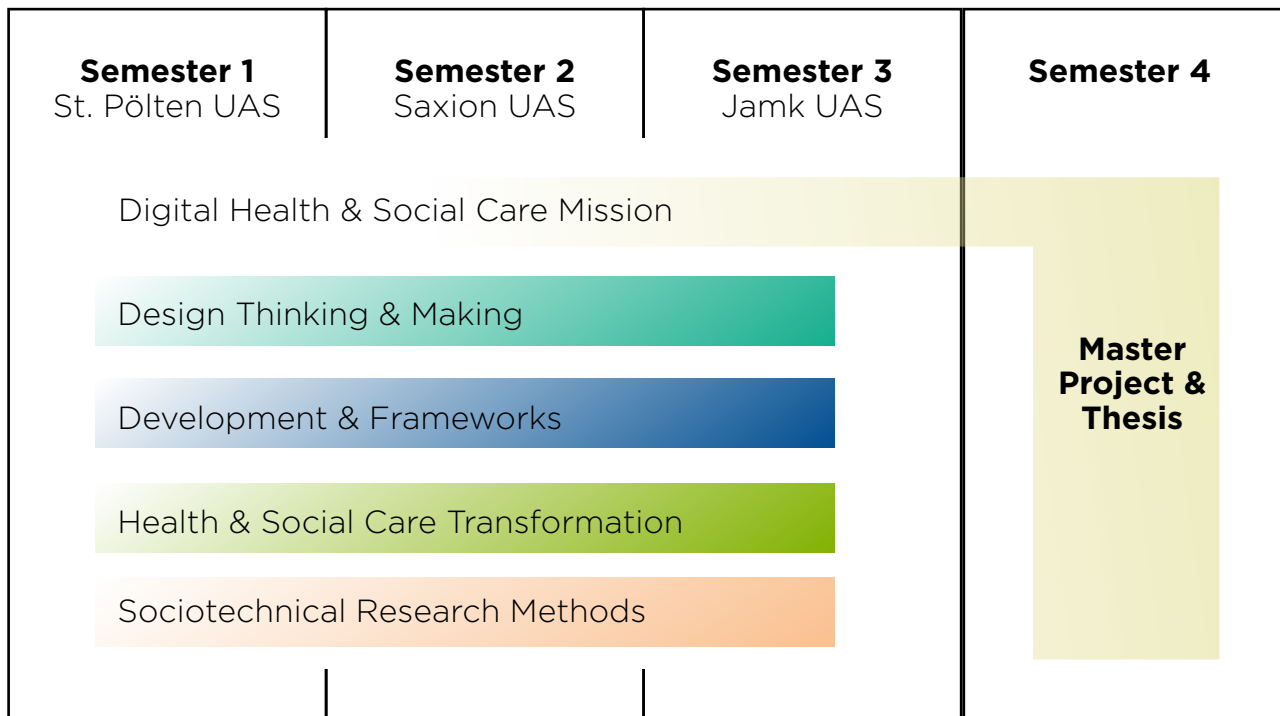
## Core Learning Outcomes

**Design Thinking & Making:** You will improve your skills regarding agile project and innovation management, multi-media pitch presentation techniques in hybrid space, and scientific work and exploitation.

**Development & Frameworks:** You will develop novel approaches, digital methods, tools, and processes to create innovative health and social care ecosystems with a focus on improving citizens' quality of life.

**Health & Social Care Transformation:** You will be empowered with transformative skills to tackle the complexities and challenges of today's healthcare systems.

**Sociotechnical Research Methods:** You will explore qualitative and quantitative research methods with respect to human-centered data streams in connected public health.



# Curriculum

## 1<sup>st</sup> year of study

| 1 <sup>st</sup> semester<br>St. Pölten UAS                              | ECTS |
|---|------|
| Project Ideation  | 5    |
| Digital Health and Social Care Thinking                                 | 1    |
| Citizen-Centered Design and Agile Methods                               | 4    |
| Digital Health Development Fundamentals – User Interfaces               | 5    |
| Digital Health Development Fundamentals – Scalable and Secure Platforms | 5    |
| Data-Driven Management and Analytics for Healthcare                     | 5    |
| Qualitative and Quantitative Research Methods                           | 5    |

| 2 <sup>nd</sup> semester<br>Saxion UAS                             | ECTS |
|--|------|
| Project Prototyping and Pitching                                   | 5    |
| Presentation and Communication Techniques                          | 1    |
| European Health Policy and Data Space                              | 4    |
| Applied and Generative AI in Healthcare                            | 5    |
| Definition and Classification of Health and Social Care            | 5    |
| Health Promotion and Value-Based Healthcare                        | 5    |
| Measurement and Visual Analytics of Digital Biomarkers and Signals | 5    |

## 2<sup>nd</sup> year of study

| 3 <sup>rd</sup> semester<br>JAMK UAS                               | ECTS |
|--|------|
| Project Evaluation   | 5    |
| Road to Master Thesis and Exam                                     | 5    |
| Social Innovation and Sustainable Living Hackathon                 | 5    |
| Personalised Digital Prevention and Rehabilitation for Functioning | 5    |
| Shared Decision-Making in Interprofessional Teams or Networks      | 3    |
| Health Technology Assessment and Ethics                            | 2    |
| Connected Public Health and Social Accountability                  | 5    |

| 4 <sup>th</sup> semester                                 | ECTS |
|--|------|
| Master Thesis and Exam                                   | 25   |
| Entrepreneurship in Digital Health and Social Innovation | 5    |





## Admission Requirements

Applicants must hold a Bachelor of Science or a Bachelor of Engineering degree or an equivalent university diploma in a subject-related health or social sciences discipline or digital technologies. The programme is tailored for bachelor graduates with at least two years of work experience in health sciences, social sciences, or technologies. A minimum of TOEFL 550, IELTS 6.0, or similar English language qualification is required for both EU and non-EU students.

## Information & Contact

Campus und Study Center (CSC) | T: +43 2742 313 228-333 | E: [csc@fhstp.ac.at](mailto:csc@fhstp.ac.at) | I: [fhstp.ac.at](http://fhstp.ac.at)

## Diversity at the Campus St. Pölten

Inclusion, gender equality, and diversity are important to us. Our campus is accessible barrier-free. Please contact us in good time so that we can take your needs into account.