

MASTER

Digital Innovation and Research

FULL-TIME | DUAL | 4 SEMESTERS | ENGLISH

Artificial Intelligence | Digital Transformation | Open Innovation |
Research & Development

EUDRES



Study Digital Innovation and Research

You want to be the key to realising the digital transformation? You thrive when researching and implementing innovation strategies? We offer you a high-quality education at the interface of applied research, innovation, and digitalisation with a focus on topics such as artificial intelligence, governance, and information security.

The master degree programme Digital Innovation and Research is made up of 3 pillars to equip you with in-depth knowledge on important strategies and technologies.

- **Innovation:** You learn methods and processes of innovation, entrepreneurship, and storytelling to successfully manage any kind of transformation.
- **Research:** From research proposals, scientific methods, and academic writing to correct publishing and presenting – you acquire every skill necessary to become a top-qualified researcher.
- **Digitalisation:** The course contents include cutting-edge topics such as artificial intelligence, governance, and data protection. The subjects are taught in small student groups by international lecturers from the field of research. In addition, students work on and further develop a research topic or project throughout their studies.

After graduation, you'll be equipped with exactly what employers need – ready for take-off in your professional career.

Career prospects at a glance

- Digital Innovation Manager
- IT Project Manager
- Digital Transformation Consultant
- IT Researcher
- Innovation Strategist
- Data Analyst / Research Data Specialist
- Research Consultant
- PhD Candidate / Doctoral Researcher

4 semesters



Language: English



Master of Science in Engineering (MSc)



12 places per year



full-time / dual



€ 363.36 per semester¹ + Students' Union fee

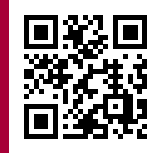


¹ € 1,500.00 (per semester for students from third countries; performance-based tuition fee waivers are available)



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More
information



What makes your studies unique

Dual learning

This dual study programme gives you more than just theoretical knowledge. You actively take part in research projects at companies, research centres, and universities – gaining valuable experience that puts you at the forefront of the digital transformation.

Modern infrastructure

At our campus, you get access to cutting-edge labs, including a deep learning environment and Cyber Defense Center. Use the entire infrastructure anytime – even remotely – to sharpen your skills and bring your ideas to life.

Professional focus

This programme gives you all the skills you need for a successful career in various fields. You dive deep into computer science, learn to write proposals, analyse data, and present results – all with guidance from experienced professors who help you turn ideas into innovation.

PhD-ready

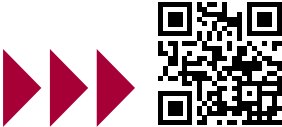
Are you considering a PhD? You'll be well prepared. Your mentors support you in choosing the right topic and connect you with supervisors from our global academic network.

Module overview

1 st Semester	2 nd Semester	3 rd Semester	4 th Semester
Academic Research 15 ECTS			Master Thesis 20 ECTS
Computer Science 15 ECTS			
Innovation Management 20 ECTS			
Project and Mentoring 40 ECTS			
Elective Computer Science 10 ECTS			

The size of the visualised modules does not reflect the weighting of the course content.

Here you can submit
your application!





Do you have any questions or need assistance?

Don't hesitate to ask – we are happy to help! Whether by email, phone, or in person: Get in touch with us and we will take the time to address your concerns!

Campus and Study Center (CSC)
+43 2742 313 228-333
csc@ustp.at

Curriculum

120 ECTS

1 st Semester	ECTS
Foundations of Research & Ethics	5
Artificial Intelligence ¹	5
Clean Coding & Software Engineering ¹	5
Entrepreneurship	5
Design Thinking	5
Project and Mentoring I	5
Methods of Research and Innovation	5
2 nd Semester	ECTS
Trends in Research	5
IT Governance	5
Innovation Management and Product Development	5
Elective	5
Project and Mentoring II	5
Publishing and Presentation	5

3 rd Semester	ECTS
Writing of Research Proposals	5
IT Protection	5
Data-Driven Innovation	5
Elective	5
Project and Mentoring III	10
4 th Semester	ECTS
Project and Mentoring IV	10
Master Thesis	20

¹One of the two lectures can be chosen.

ECTS: European Credit Transfer System – measuring unit for the overall effort that it takes an average student to positively complete a course. One credit point equals a workload of 25 hours (contact hours, independent studies, examinations, etc.).



University of
Applied Sciences
St. Pölten

Personalise Your Academic Path

We are there for you along the way – offering commitment, expert knowledge, and a learning culture that puts your individual development at the centre.

Experience Europe during Your Studies

As part of the European University Alliance E³UDRES², you experience European learning, research, and collaboration in action.

Create Ideas with Impact

At USTP, you find room for participation, creative solutions, and bold ideas – in an inspiring campus environment.

Your Studies at USTP

A new name – the same strong values. The St. Pölten UAS is now University of Applied Sciences St. Pölten – in short: USTP. While our name and visual identity have evolved, our core values remain unchanged. We are committed to delivering outstanding teaching and impactful applied research, guided by an open, European perspective. At University of Applied Sciences St. Pölten, we foster individualised guidance and a culture that connects people, ideas, and disciplines – all on a state-of-the-art campus designed to inspire innovation.

It starts with you. USTP.



We are the winner of the Global Student Satisfaction Award 2025 – Quality of Student Life



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Diversity on Campus St. Pölten

Inclusion, gender equality, and diversity are important to us. Our campus is barrier-free. Please make sure to contact us in good time to allow us to take your needs into account.

Stay up to date on social media!

 [instagram.com/ustp_hochschule](https://www.instagram.com/ustp_hochschule)
 [youtube.com/@ustp_hochschule](https://www.youtube.com/@ustp_hochschule)
 [linkedin.com/school/ustp_hochschule](https://www.linkedin.com/school/ustp_hochschule)