



Raucher Photography

# University of Applied Sciences St Pölten

19.06.2026

1



University of  
Applied Sciences  
St. Pölten

IE<sup>3</sup>UDRES<sup>2</sup>



**1996**  
Year of  
foundation

**4,000**  
Students

**350**  
full-time  
lecturers &  
researchers

**150**  
Partner  
universities in  
31 countries

**15**  
Bachelor's  
programmes

Interdisciplinary  
approach

Innovative  
teaching  
and learning

St. Pölten  
UAS 20 min.  
from Vienna

Practice-  
oriented and  
research-  
based

**17**  
Master's  
programmes

# Areas of study

- Media
- Digital Technologies
- Management
- Communications
- Informatics & AI
- Security
- Mobility Engineering
- Health
- Social



# Recognition

- **Interdisciplinary, Convergent, Integratory Research**

80<sup>th</sup> place, World University Ranking in Innovation


- **Holistic Student Guidance**

73<sup>th</sup> place, World University Ranking in Innovation

- **Quality of Student Life**

1<sup>st</sup> place, Global Student Satisfaction Awards 2025 by Studyportal



 Jun 09, 2026

**International Ranking: USTP  
Makes Top 100 Twice**

# Interdisciplinary Offer

- St. Pölten UAS promotes interdisciplinary and international cooperation:
  - iLab
  - European Project Semester (EPS)
  - European University E3UDRES2
  - International Week
  - Window of Opportunity
  - Creative Pre Incubator
  - Optional Subjects



# Research

One of the most research-oriented universities of applied sciences in Austria

- More than 7 million EUR in revenues from research (including innovation and knowledge transfer projects)
- Close exchange with the business community and society



# Research Institutes and Centres

- Institute for Innovation Systems
- IC\M/T – Institute of Creative\Media/Technologies
- Institute of IT Security Research
- Carl Ritter von Ghega Institute for Integrated Mobility Research
- Institute of Health Sciences
- Ilse Arlt Institute for Social Inclusion Research
- Center for Digital Health and Social Innovation
- Josef Ressel Center for Blockchain Technologies & Security Management
- Center for Artificial Intelligence
- Center for Sustainable Mobility
- Josef Ressel Center Industrial Data Lab



# Cybersecurity Research at USTP



## Research Group Secure Societies

### Secure Systems

- Security Architecture
- Software Security
- Hardware Security
- Security Technologies
- IIoT



### Cyber Defense

- Security Training
- Cyber Range
- Malware Analysis
- Threat Detection
- Situational Awareness



### Trustworthy AI

- Explainability Methods
- Security Testing
- Distortion through Data Pre-processing
- Resilient AI



### Governance Risk and Compliance

- GDPR, Data Act, AI Act, Cyber Resilience Act, ...



## Research Group Data Intelligence

### Advanced Machine Learning

- Reinforcement Learning
- Graph Neural Networks
- Value Alignment
- Interactive Learning



### Data Ecosystems for AI

- Data Architectures, Data Fabric/Mesh
- Data Governance
- Semantic Technologies
- Open Data, Data Spaces



### Data and AI for Green

- Data and AI for a sustainable and green society
- Use cases in agriculture, forestry, energy, water, ...





# Selected Projects

- **AISEC (FWF | National Funding)**

- explore methods that can make AI systems controllable and resilient

- **CERTAIN (Horizon Europe | International Funding)**

- framework that facilitates responsible AI development

- **DREAM 5G (FWF | National Funding)**

- lays the groundwork for secure 5G communication in networked machine fleets, enabling reliable EaaS (Equipment-as-a-Service) operations

- **NO:HATE (GFF | Lower Austria Funding)**

- investigates the drivers of radicalization on social media platforms such as TikTok

<https://isf.ustp.at/en/projects>



# Selected Projects

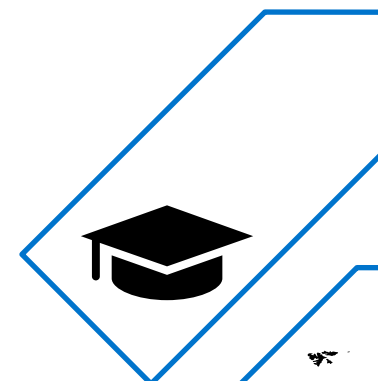
- **PenQuest (<https://pen.quest>) (FFG | National Funding)**
  - Gamification of practice-oriented IT/OT security training through the simulation of cyber threats.
- **CrOSSD2 (<https://crossd.tech/>)**
  - "health status" of OSS libraries
- **RPM- Rusted Plattform Module (NL.net | International Funding)**
  - prototypes a framework that replicates the functionality of the TCG Software Stack (TSS) in Rust
- **CyberSecure Teaching (Erasmus KA 2 | International Funding)**
  - aims to strengthen the digital competence and resilience of teachers by providing tools and knowledge to implement cyber hygiene and teach cybersecurity awareness

<https://isf.ustp.at/en/projects>

# Next Milestone – European Campus Hainburg



University of  
Applied Sciences  
St. Pölten



Campus at the forefront of  
future applied higher education



Regionally embedded, relevant  
for Europe



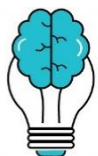
Success of Lower Austria's  
higher education landscape



# Vision



University of  
Applied Sciences  
St. Pölten



## CENTER OF KNOWLEDGE

for sustainable and healthy environment in cooperation between USTP and TU Wien as a joint site of European Universities EUDRES and EULiST



## EUROPEAN TALENT HUB

nurturing and strengthening the skills and mindset of entrepreneurial founders and leaders



## CENTER OF CROSS-DISCIPLINARY RESEARCH

at the forefront of application of AI capacities into chemistry and other related fields



## PILLAR OF REGIONAL DEVELOPMENT

in a cross-border perspective, supporting living lab approach across the region in cooperation with public authorities, industry and academic partners



## VALUE CREATION AND INNOVATION

and actively shaping (European) democratic values in the digital age

# European Campus Hainburg

A physical anchor for European university alliances



Upcoming **European Talent and Innovation Hub**

**Flagship initiative** by the Province of Lower Austria to be completed/operational in autumn 2028

Investment ~ **100 mio EUR**

operational funding contract for 10 years



# European Campus Hainbug in a Nutshell



University of  
Applied Sciences  
St. Pölten

## TU Wien



- Research programs focus

### Green Technologies

### Substance & Energy Valorisation

### Green Chemistry

### Economics & Regulation

- **12 research groups** planned

## USTP – University of Applied Sciences St Pölten

- **3 applied research groups** planned
- AI lab as a core facility
- Research and study programs focus

### Green Technologies

### Smart Innovations

~ **500 students** in BSc, MSc programs (and a PhD study pathway under TUW)

**Intened as the cross-border collaborations hub**



# Thank you for your attention!