



**German University
of Digital Science**

SIBIU INNOVATION DAYS

D4S and D4B: Insights and Opportunities from European Projects

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Vision & Mission of the German University of Digital Science



Empowering Global Talents

The German UDS is dedicated to empowering individuals to achieve their full potential by providing access to world-class education and resources.



World-Class University Degrees

The German UDS offers high-quality, digitally innovative degrees that are recognized globally and provide graduates with a competitive advantage.



Efficient Lifelong Learning

The university offers flexible and accessible learning formats that cater to the evolving needs of individuals throughout their careers.



Micro Degree Programs

The university offers a range of micro-degree programs designed to meet the specific needs of individuals seeking to specialize in specific areas of digitalization.



Best Greetings from a Regular Sibiu Speaker: Prof. Dr. Christoph Meinel



German UDS: Open Study Programmes



MBA Programs 1 year, 60 ECTS

- MBA Digital Transformation
- MBA Digital Technologies

Intakes: April 1st, October 1st

Tuition Fees: €7,500 p.a.

** The fees include full access to learning materials, platforms, and academic support, and possibility to extend your studies free of charge.*

Submit your Application in 4 Simple Steps

- ✓ Register via our online portal
- ✓ Fill in your personal details
- ✓ Choose your preferred study program
- ✓ Upload the required documents



M.Sc. Programs 2 years, 120 ECTS

- Digital Leadership
- Advanced Digital Reality
- Applied AI
- Cybersecurity

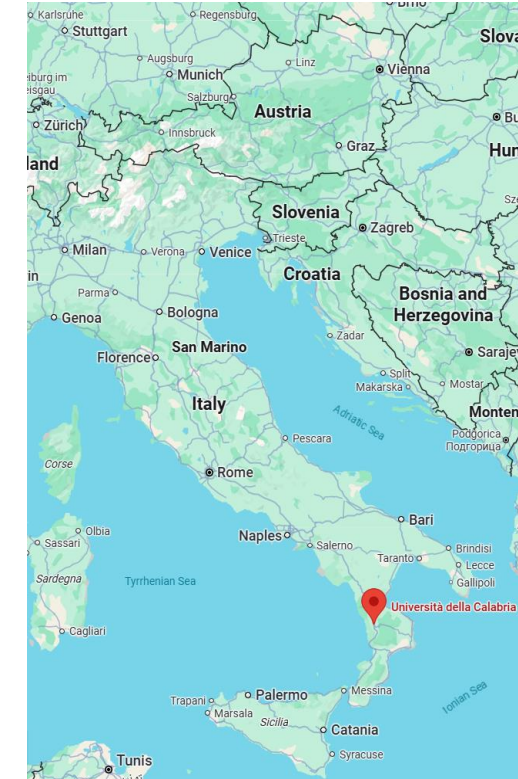
Required Documents

 High School Graduation Certificate/ Diploma	▼
 English Language Proficiency	▼
 Motivation letter	▼
 Proof of Identity	▼
 University Diploma and Transcripts	▼
 Curriculum vitae	▼

Apply Now!



Best Greetings from a Friend: Prof. Dr. Eleonora Bilotta

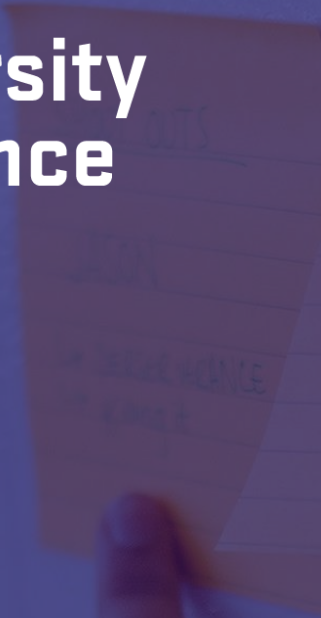




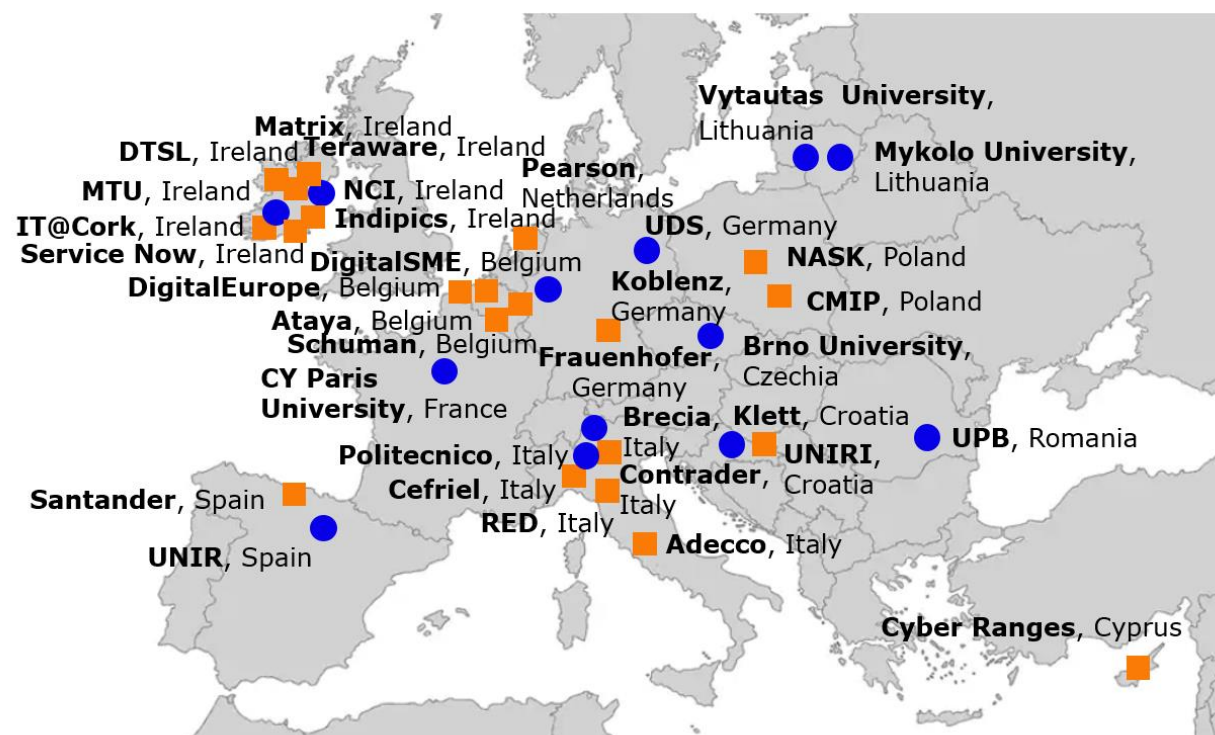
German University
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EU-Funded Project

Digital4Security (D4S)



A Pan-European Expert Network in Cybersecurity



37 PARTNERS:

- 13 HEIs
- 24 Industry partners

- Higher Education Institution
- Industry Partner

~ 20 Mio € EU-funded project to establish a European Master's Programme in **Cybersecurity Management and Data Sovereignty**

D4S Educational Offerings

- **120 ECTS Hybrid Master's Programme** (led by the University Politehnica of Bucharest)
- **60 ECTS Fully Online Master's Programme**
 - coordinated by German UDS
 - Joint Degree across Germany, Ireland and Spain
 - Undergoing European Accreditation
- **Postgrad Certificate** at 30 ECTS
- **Microcredentials** for almost all modules
- **Industry Certifications** alongside academic degree
- **Short courses**, networking events, hackatons and a lot more



Digital4Security: Fully Online Master's Programme (60 ECTS)



Cork, Ireland (MTU)



Berlin-Potsdam,
Germany (UDS)



Logroño, Spain (UNIR)



Map of Awarding
Universities



Prof. Dr. Ciprian Dobre, Vice Rector, Coordinator
of the Digital4Security EU project, University
Politehnica of Bucharest (UPB)



Prof. Dr. Julia von Thienen, Programme Director,
German University of Digital Science (Master's
Programme Coordinating Institution, UDS)



Jacqueline Kehoe, Programme Director,
Munster Technological University (MTU)



Prof. Dr. Fidel Paniagua Diez, Programme Director,
Universidad Internacional de La Rioja (UNIR)

D4S Modules in the 60 ECTS Online Master's

Communication Design for Cybersecurity (UDS, 5 ECTS)	AI & Emerging Topics in Cybersecurity (UDS, 5 ECTS)	Law, Compliance, Governance, Policy, and Ethics (UNIBS, 5 ECTS)	Automation of Security Tasks and Data Analytics (UNIRI, 5 ECTS)	Cybersecurity Economics & Supply Chain (MRU, 5 ECTS)	Cybersecurity Law & Data Sovereignty (BUT, 5 ECTS)
Business Resilience, Incident Management & Threat Response (MTU, 5 ECTS)	Malware Analysis (UNIR, 5 ECTS)	Research Methods (UNI KO, 5 ECTS)	CISO and Crisis Communication (VMU & ATAYA, 5 ECTS)	Cybersecurity Education & Training Delivery I (BUT, 5 ECTS)	Machine and Deep Learning in Cybersecurity (UNIRI, 5 ECTS)
Ethical Hacking & Penetration Testing (UNIR, 5 ECTS)	Cybersecurity Culture, Strategy & Leadership (VMU & ATAYA, 5 ECTS)	Security Operations (CY CERGY, 5 ECTS)	Risk Management of Cyber-Physical Systems (POLIMI & CEFRIEL, 5 ECTS)	Cybersecurity Education & Training Delivery II (UPB, 5 ECTS)	Digital Forensics, Chain of Custody and eDiscovery (UPB, 5 ECTS)
Thesis (UNI KO, 15 ECTS)	Enterprise Architecture, Infrastructure Design and Cloud Computing (UPB, 5 ECTS)	Technological Foundations for CS & Security Controls (UPB, 5 ECTS)	Cybersecurity Auditing (VMU & ATAYA, 5 ECTS)	Cybersecurity in Industry - Security of OT & CPS (POLIMI, 5 ECTS)	Threat Intelligence (UPB, 5 ECTS)

mandatory

elective

Electives Structured by Professional Profiles

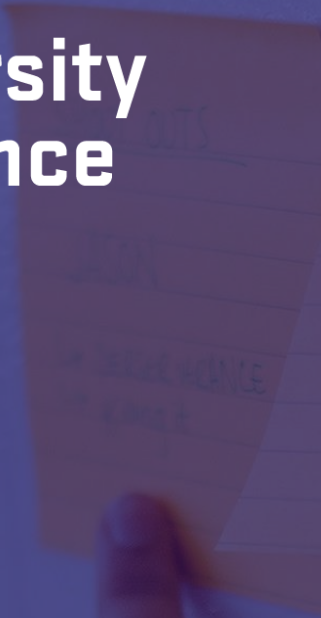
- Students may choose to specialize in one of the following ENISA profiles
- Completing a dedicated set of elective modules
 - **Chief Information Security Officer (CISO)**
 - **Cyber Legal, Policy, and Compliance Officer**
 - **Cybersecurity Risk Manager**
 - **Cyber Threat Intelligence Specialist**
 - **Cybersecurity Educator**
 - **Cybersecurity Auditor**



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EU-Funded Project

Digital4Business (D4B)



Digital4Business: Mastering Digital Transformation for Europe's Workforce

Key Highlights:

- A ~ **20 million, four-year** initiative under the EU DIGITAL Europe Programme – one of its largest non-infrastructure projects.
- Pan-European **Master's programme in Advanced Digital Skills**, co-created by a consortium of **13 partners from 6 countries** (universities, research centres, industry, and training providers).
- Developed to **close the digital skills gap** – especially in SMEs.
- **Complemented** by workshops, networking events, industry certifications, work-based learning, and mobility schemes.
- www.digital4business.eu; www.german-uds.de/digital4business



Co-funded by
the European Union

Full-time Master's

Part-time Master's

Accelerated Master's

Postgrad Certificate

Micro-credentials

Students – Attention to This Offer!

Key Highlights:

- **No tuition or registration fees** for the January 2025 cohort
- **Access world-class teaching** and real-world insights from leading academics and industry experts
- **100% online and taught in English** – study from anywhere in the world
- **Flexible study options:** full-time, accelerated, or part-time pathways
- **Designed for busy schedules** – weekday evening classes suit graduates and working professionals
- **Perfect opportunity** to advance your career or specialise without financial barriers



Focused on fast-tracking the digital transformation of European SMEs & Companies through skills.

60 ECTS Master's Programme addressing the real Digital Skills needs of EU SMEs.

Digital Transformation 10 ECTS – Mandatory Core Module

Electives

AI 4Business 10 ECTS	Data Science 4Business 10 ECTS	Cloud Computing 4Business 10 ECTS	Cybersecurity 4Business 10 ECTS
Blockchain 4Business 5 ECTS	IoT 4Business 5 ECTS	Programming 4Business 5 ECTS	Quantum 4Business 5 ECTS
Governance & Ethics 5 ECTS	Innovation 5 ECTS	Risk & Change Management 5 ECTS	Generative AI 5 ECTS

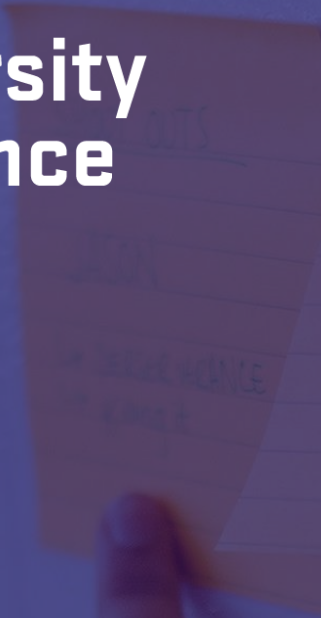


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**Your Turn:
Your IDEAS**



KPIs in both EU-Projects include Partnership Expansion

- Number of **Higher Education Institutions** joining the consortium (and co-offering the Master's Programme)
- Number of **Industry Partners** joining the consortium

Greatest asset? What support needed?
Why join? When to join?
What to avoid? Who's in?

3:00

BRAINSTORMING:

Joining D4S or D4B?

Please visit





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Thanks a lot, and let's be in touch

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