EDUCATION &
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Data Steward

CERTIFICATE OF THE UNIVERSITY OF VIENNA

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Content and Facts

Research data, as valuable research results, require professional management. Comprehensive research data management is therefore becoming increasingly important. This is what data stewards are responsible for. The role is being established not only in the business world but also at research institutions in Austria and abroad as international best practice in research data management.

Data stewards operate at the interface between scientists and scholars, and research infrastructure and help to bridge the gap between these two areas. They support researchers in processing data in a sustainable way and carry out needs assessments and requirements engineering.
This certificate course will help the participants to acquire knowledge, expertise and key competences to perform tasks as data stewards in research institutions. This continuing education and training program links the latest findings on research data management, open science and open research with the tasks of data stewards.

Target Group

This certificate course is intended for people with research experience and research support staff that want to work as data stewards at research institutions.

Qualification Profile

Successful participants have profound knowledge of ways to develop innovative services in the field of research data management and increase awareness of open science. They are able to systematically assess researchers' needs and offer tailored support. Together with researchers and software developers, they design innovative workflows for FAIR data management. The acquired competences enable the participants to fulfil the forward-looking role of data stewards at various research institutions.

Course Content

MODULE	CONTENT	ECTS CREDITS
Module 1: Introduction to Research Data Management and Open Science	This module introduces the topics of research data management, open science and open research.	2
Module 2: IT and Data Science Basics	In this module, the participants will acquire basic coding skills and learn about the potential of data-driven research.	3
Module 3: FAIR Data in the Research Data Lifecycle	This module covers various research data management topics – from data management plans to repositories – along the research data lifecycle.	6
Module 4: Research Data Management Support	Building on the knowledge acquired in the previous three modules, this module transfers the theory into typical tasks of data stewards.	2
Module 5: Data Stewardship in Practice: Project	In this module, the participants will independently apply their newly developed competences during a hands-on project.	2
Total		15

"Data stewards empower research and interdisciplinary collaboration."

UNIV.-PROF. DIPL.-INFORM. UNIV. DR. CLAUDIA PLANT

Admission Requirements

- University entrance qualification examination or a completed apprenticeship + several years of relevant work experience
- OR a successfully completed Master's or diploma degree program
- English language proficiency enabling the understanding of academic texts and lectures (corresponding at least to B2 level)

PROGRAM DIRECTOR
Univ.-Prof. Dipl.-Inform. Univ. Dr.
Claudia Plant

SCIENTIFIC COORDINATOR
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CONTACT AND APPLICATIONS
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Short Facts

Academic Degree	**Certificate of the University of Vienna**
Duration	2 semesters (part-time)
Units	15 ECTS Credits
Language	English
Tuition	€ 2,950
Start	Annually in October

www.postgraduatecenter.at/datasteward

Data Steward

The University of Vienna is one of the oldest and largest universities in Europe. Staffed with about 10,000 employees, the University of Vienna fuels innovation in Vienna and its surroundings. Around 90,000 national and international students foster intellectual exchange in the university city of Vienna.

The Postgraduate Center is the competence center for professional continuing education and lifelong learning at the University of Vienna. Our aim is to support people on their personal educational and career paths. We offer a wide range of master programs, continuing education programs, and certificate courses as well as cutting-edge open continuing education and training formats. We offer research-based, interdisciplinary, top quality, international and practice-oriented programs. This serves as a contribution of the University of Vienna to our knowledge society, the university's third mission and successful lifelong learning.

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