

Note:

The following curriculum is a consolidated version. It is legally non-binding and for informational purposes only. The legally binding versions are found in the University of Innsbruck Bulletins (in German).

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Curriculum for the Continuing Education Programme
University Course – Data Librarian
at the University of Innsbruck

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§ 1 Qualification profile

- (1) Graduates have knowledge that is relevant for the development and implementation of services in the field of research data management. The focus is on science communication and research support, policies for handling research data, data management plans, metadata in the area of repositories, data analysis, aggregation and linking, data standards and modelling, long-term archiving and data backup.
- (2) Graduates are able to develop and expand research-supporting services in a demand-orientated manner and thus sustainably support the free accessibility, usability and further processability of scientific findings and research data.

§ 2 Scope and duration

The university course covers 5 semester hour or 8 ECTS-Credits respectively. One ECTS-Credit covers a workload of 25 hours.

§ 3 Admission

- (1) The prerequisite for admission to the university course is a general university entrance qualification in accordance with § 64 Universities Act or admission to the university course Library and Information Studies at the Universities of Vienna, Graz or Innsbruck.
- (2) The Director of the university course decides on the admission to the course. Preference shall be given to persons who work in the field of information management, in particular in libraries, information and documentation centres, archives and related institutions, or who have completed a degree in the humanities. Information on the selection procedure and the maximum number of students permitted can be found on the website of the University of Innsbruck.

- (3) Persons who have been admitted to the university course and have paid the course fee will be admitted as non-degree students by the Rectorate of the University of Innsbruck.

§ 4 Types of courses

Courses with continuous performance evaluation:

Lectures with practical elements (VU) focus on the practical treatment of concrete scientific tasks that are discussed during the lecture parts of the course.

§ 5 Compulsory Module

The following compulsory module covering 8 ECTS-Credits is to be passed:

	Data Librarian	h	ECTS-Credits
a.	VU Open Science Support Science communication and research support; policies for handling research data; open access, open educational resources, open data; data management plans; legal and ethical aspects (data protection, copyright, licensing, terms of use of repositories)	1	2
b.	VU Data-Based Production of Knowledge and Organisation Metadata in the area of repositories and research data; repository management from a librarian's perspective; data analysis, aggregation and linking; data visualisation; data standards; data modelling, architecture, selection and cleansing; FAIR principles	2	3
c.	VU System Architectures and Workflow Management Digital workflow model, archiving and technical erasability; life cycle management of digital objects; financing models, cost estimation and resource requirements; long-term archiving, data backup; technical interfaces and data conversion	2	3
	Total	5	8
	<p>Learning Outcomes: Students are able to reproduce the basics of science communication in the individual disciplines. They are able to design new services at the interface of libraries, research services and IT service facilities and identify, responsibly assess and pass on legal and ethical aspects in the handling of research data. They can critically analyse the appropriate handling of research data and advise researchers accordingly. Students are able to use various metadata standards and methods for indexing and describing research data. They are able to apply strategies that are used to retrieve and use data and to analyse, select, clean and link research data. Students are able to describe various system architectures and workflow models as well as the life cycle management of digital objects. They are able to describe different methods of long-term archiving and create cost plans and financing models for the permanent storage of research data. They are able to list relevant technical interfaces and describe the principles of data conversion.</p>		
	Prerequisites: none		

§ 6 Examination regulations

- (1) The module's performance is evaluated by the assessment of the courses that make up the module (course examinations).
- (2) The performance of courses is evaluated by course examinations, whereby in the case of courses with continuous performance evaluation the evaluation is based on at least two written, oral and/or practical contributions of the participants.

- (3) The course instructor shall determine and announce the examination method (written and/or oral, examination paper) and the assessment criteria before the start of the university course.

§ 7 Certificate

After successful completion, the graduates of the university course receive a certificate.

§ 8 Coming into force

This curriculum comes into force one month after being published in the University of Innsbruck Bulletin.

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