European University for Well-Being

STUDY GUIDE

Open Science Basic Course

Course/training name	Open Science Basic Course
Host Institution(s)	University of Konstanz
Co-organising Institution(s) (if applicable)	None
Course level (if applicable)	
Name and faculty of the lecturer(s)/trainer(s)	Dr. Martina Benz, Livia Gertis, Maximilian Heber, Andreas Kirchner, Matthias Landwehr, Gabriel Schneider, Hannah Schneider (josefine.honke@uni-konstanz.de)
Mode of delivery	Online self-study
Location (if applicable)	
Dates of the online component (if applicable)	From Indicate a date to Indicate a date

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Dates of the on-site component (if applicable)	From Indicate a date to Indicate a date				
Cost	None				
Target audience(s)	☒ Bachelor's ☒ Master's ☒ PhD ☒ Educators ☒ Researchers ☒ Administrative staff				
Prerequisites	None				
Language(s) of instruction and recommended CEFR level	English				
Main Thematic Arena(s)	☐ Arena 1 - Health and Well-Being ☐ Arena 2 - Social Equality and Well-Being ☐ Arena 3 - Environmental change and Well-Being ☐ Arena 4 - Multilingualism and Well-Being ☐ Arena 5 - Teacher Education and Well-Being ☒ Transversal				
Field(s) of research / study	Transversal Skills				
Related Sustainable Development Goals (SDG)	☐ 1 - No poverty ☐ 2 - Zero hunger ☐ 3 - Good health & well-being ☒ 4 - Quality education ☒ 5 - Gender equality ☐ 6 - Clean water & sanitation ☐ 7 - Affordable & clean energy ☐ 8 - Decent work & economic growth ☒ 9 - Industry, innovation & infrastructure		☒ 10 - Reduced inequalities ☐ 11 - Sustainable cities and communities ☒ 12 - Responsible consumption & production ☐ 13 - Climate action ☐ 14 - Life below water ☐ 15 - Life on land ☒ 16 - Peace, justice & strong institutions ☒ 17 - Partnerships for the goals		
Number of ECTS	3				
Workload in hours	Approximately 90 hours				
Key words	Open science	Research	Teaching	Publishing	

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Catch Phrase	Policymakers and research funders support Open Science - but what are the benefits for you and the research system? This course provides an introduction to Open Science for all those new to the field
Total number of places for EUniWell participants	unlimited
Application procedure	Application form on the EUniWell Courses and Training Catalogue
Selection criteria	*none*
Abstract	*This online course introduces you to the different aspects of Open Science in research and teaching. The focus is on open access publishing, research data management and sharing teaching materials as free educational resources. In this context, organizational, technical and legal best practices for publishing and preparing scientific data and texts are discussed in a practical manner. Moreover, some crucial building blocks of Open Science such as repositories and persistent identifiers are covered. The course consists of a total of eight modules on the following topics: Open Science - Open Access - Research Data Management - FAIR principles - Repositories - Persistent Identifiers - Legal Questions - Open Educational Resources. The modules consist of a screencast, a presentation, a script, a test and*

	additional material such as research papers. *Examination:* *If you want to get 3 credit points for the course as a transversal skills course, please inform the University of Konstanz EuniWell team at euniwell@uni-konstanz.de. Each module includes a final test. After successfully completing all tests (each at least 65%, max. 3 attempts) you have passed the course.*
Programme / session(s)' schedule	1. Open Science 2. Open Access 3. Research Data Management 4. FAIR Principles 5. Repositories 6. Persistent Identifiers 7. Legal Questions 8. Open Educational Resource
Developed skills and competences	*1. Understanding of Open Science fundamentals* *2. Competency in data and publication management* *3. Ability to apply FAIR principles* *4. Technical proficiency in using repositories and persistent identifiers* *5. Knowledge of legal aspect*
Objectives and learning outcomes	1. Explain the benefits and principles of Open Science 2. Implement open access publishing and research data management 3. Use repositories and persistent identifiers effectively 4. Apply legal frameworks in Open Science 5. Promote and utilize Open Educational Resources (OER
Assessment methods and criteria (if applicable)	Online test in each module. All tests need to be passed in order to pass the course overall

Type of certification issued upon attendance or completion	University of Konstanz ADILT certificate
Contact	List of local EUniWell catalogue's coordinators available here. *For questions related to the content of the course, please contact the offer's Institution's local catalogue coordinator. For questions related to administration, mobility or recognition the course in your curricula, please contact home Institution's local coordinator.*