	Research Data Management (RDM) in practice	
Coordinator(s)	Prof. Dr. Juliane Fluck, IGG, fluck@zbmed.de	
Instructor(s)	Roman Baum, Gabriel Schneider, Lucia Vedder	
Course Description	As RDM is relevant to researchers at all career levels, we offer a practical course on the main aspects of RDM and enable participants to make their own data FAIR (findable, accessible, interoperable, reusable).	
Course Outline	In this course we will start with the fundamentals of research data management (RDM). Further, we will focus on data organisation & documentation, data searching, data publishing and finally semantic web technologies (Why do we need them? How do we use them?). The aim of the subsequent project work is to apply the learned methods to the graduate students' own research data resulting in FAIR data.	
Requirements	None, own data for the project work is highly recommended	
Credit Points 2 SWS = 3 ECTS	Teaching Methods	Percentage
	Lectures	25%
	Exercises	15%
	Project work	60%
Grading	Oral presentation (pass, fail)	
References	New educational material, in close collaboration with FAIRagro (https://doi.org/10.5281/zenodo.11148701)	
Organization and time	Lecture plus tutorial once a week (1,5 h/ 6 weeks), followed by a project period of 4-6 weeks (free time to work on the projects with feedback from tutors) Final session for the oral presentations	
Language	English	
Remarks	Application details will be given on the PhenoRob and on the BIGS Land and Food Websites. Please state, if you have your own data to work with in the project. This course will be offered to PhD students from the PhenoRob Cluster of Excellence and the BIGS Land and Food Graduate School.	