**Information Sheet – Transferable Skills Courses at yDiv**

Please fill out this form and return it by email as a word document to [ydiv@idiv.de](mailto:ydiv@idiv.de)

Thank you!

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| **Course Name** | *Data management for reproducible science* |
| **Target group**  *Usually PhD researchers – please note if the course is also suitable for Postdocs.* | PhD researchers  Postdocs |
| **Course description** | |
| **Contents**  *Please describe the contents briefly.* | *Science relies on reproducibility for reliability and trust. This course provides an introduction to data and code management good practices with reproducibility in mind. Improving one’s data and code management helps cleaning, exploring, repeating, analyzing and collaborating more effectively.* |
| **Didactic aim / competences gained**  *Particular skills gained by the participants etc.* | *Structuring working directories*  *Structuring data sets for clarity and ease of work*  *Preparing data for archiving/long term compatibility*  *Preparing data for synthesis/meta-analysis*  *(Introduction to versioning and git)* |
| **Didactic elements**  *Lectures, discussions, student presentations, hands-on sessions etc.* | *The course will be based on workshops with short lectures, discussions and hands-on sessions. Students are welcome to come with their own data projects, questions to share and resolve.* |
| **Prior knowledge that participants need**  *(e.g. If participants need to have basic information on the topic, know how to use certain computer programs etc.)* | *Classes will depend on R, please come with a laptop with R and RStudio installed.* |
| **Course organisation** | |
| **Lecturer(s)** | *Shane Blowes, Daniel McGlinn, Anahita Kazem, Roel van Klink, Emma Ladouceur, Alban Sagouis* |
| **Information about the Lecturer**  *Please insert 1 -2 sentences about your background and qualifications* | *Alban Sagouis is data manager / scientific programmer in the Biodiversity Synthesis group.* |
| **Course Language** | English |
| **Location** | Deutsches Zentrum für integrative Biodiversitätsforschung (iDiv) Halle-Jena-Leipzig, Deutscher Platz 5e, 04103 Leipzig  OR  Online |
| **Minimum and Maximum Number of participants** | *Minimum: 6*  *Maximum: 18* |
| **Expected performance**  *Do they just need to be present, participate actively, hold a presentation etc.?* | *I’m thinking active participation through exercises and/or work on their own data and oral feedback to the class.* |
| **Number of Course days** | *2-3 tba* |
| **Course dates and times** | *Second half of March*  *9-12 and 14-17?* |
| **Work load**  *How many hours you expect the students to spend in total, including contact hours, pre-reading, hands-on work etc.* | *Attendance time: 10 to 18 hours*  *Further required working hours: None?* |
| **Credit points**  *You can leave this open for yDiv to calculate, but the general rule is 25-30 hours = 1 ECTS.* |  |
| **Required materials and equipment**  *We can offer you e.g. beamer, flipchart, pinboard, facilitator's toolbox.*  *Please let us know if you need printouts.* |  |
| **Additional information for yDiv**  *If applicable, please add any additional relevant organizational information for yDiv.* |  |