

Course Description

Offered by	OUNL
Title	Introduction to Open Science
Language	English
Expected start date	2026-Oct-19
Description	The scientific landscape is rapidly evolving. Where science used to be contained to the proverbial ivory tower, scientific principles and practices have now been improved to facilitate much more transparency and inclusivity. In other words, science has opened. This makes science simultaneously more rigorous and more collaborative: in other words, more fun! This course introduces Open Science as a movement and collection of principles and practices to improve scientific integrity and effectiveness. We will start with a brief history of Open Science, the Open Science Communities, and the UNESCO Recommendation on Open Science. We will then discuss Open Science principles and practices and end with an overview of Open Science tools.
Objectives and learning outcomes	On the one hand, participants will understand the background of the open science movement and the problems open science principles and practices address. On the other hand, participants will be able to navigate the array of open science tools and determine when to use which tool. They will be able to explain the function each tool fulfills and will be familiar with a number of important Open Science services.
Audience	PhD students from all fields of knowledge at the member universities of the Open EU project.
Tutors	Gjalt-Jorn Peters
Duration	1 month
Maximum number of students admitted	35
Structure	1 ECTS (1 day: online group sessions/presentations, 2 days: self-paced study/reflection)
Contact person	Gjalt-Jorn Peters