
Open Science 2018

Pilot Course Outline

Level

Doctoral studies, recommended for first or second year of study. The course is 1ECTS and comprises of 27 hours of independent study.

Timetable

The course runs over 2 weeks online **5.1. - 19.1.2018**

Learning outcomes

1. Understand what it means to conduct research openly and the benefits and impact of doing so;
2. Identify suitable tools to help you embrace Open Science at each stage of the research lifecycle;
3. Understand the key challenges that can arise when researching in the open and how to address these;
4. Ability to engage in the process of developing open science practices in your own research and for the benefit of the research field and society

Mode of study

- The course will be taught online on a National Doctoral Education Moodle platform.
- The course language is English.
- The course is self-directed and can be completed at any time during the course.

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- This is the first pilot for the Open Science course and Moodle platform, so please be patient with potential technical challenges during the course

Coordinator

Dr Henriikka Mustajoki is the course coordinator. You can contact Henriikka on henriikka.mustajoki@helsinki.fi or via Moodle message facility.

Course Content

The online course has four sections:

1. Introduction
2. Open Access
3. Open Data
4. Open Research Process.

Sections are independent. Each section will include online lecture material, reading material, and opportunities to check your understanding. All materials for the course are available on the course platform in e-format.

Assessment tasks

Assessment 1 – Open Science Handbook

As you go through the course material, you will collect interesting areas, topics, link lists or videos to create your own personal Open Science Handbook. This handbook can be exported from Moodle at the end of the course. For the assessment, you will write an introduction to your handbook. The introduction should explain:

- Why you have chosen the items in your handbook
- How you plan to use the information in your handbook in your research process.

Assessment 2 – Discussion board

You will take part in a discussion board on Open Science practice. All participants will post one discussion on Open Science challenges and comment on two other discussions. The Discussion board is active through the course period.

Evaluation criteria

Pass / Fail

The course completion requires:

- active engagement with the course material,
- completing compulsory assessment tasks detailed above.

The course evaluation is based on adequately achieving learning outcomes as evidenced in the assessment tasks.