



**UNIVERSITÀ  
DI TORINO**



## **TITLE**

**OPEN SCIENCE A TO Z**

## **TEACHER**

ELENA GIGLIA (University of Torino)

## **SCHEDULE:**

**1st February 2024** h. 09:30am - 1:00pm (CET Time)

**2nd February 2024** h. 09:30am - 1:00pm (CET Time)

**LOCATION:** the course will be held in presence. Location TBA.

**LANGUAGE:** ENGLISH

## **DESCRIPTION OF THE COURSE**

Open Science A to Z is a comprehensive course aimed at giving participants a 360° view on Open Science, Open Access, and European policies on the topic, with a focus on the new initiative COARA on research assessment.

## **LEARNING OBJECTIVES**

### ***Knowledge***

After completion of the course, the candidate:

- Has in depth understanding of the current scholarly communication system and its biases
- Has in depth understanding of the core principles of Open Science and Open Access
- Has in depth understanding of the ongoing reform of research assessment (COARA)
- Has specific knowledge about the tools to properly do Open Science and Open Access in practice

### ***Skills***

After completion of the course, the candidate:

- Can discuss critically the current scholarly communication system
- Can use Open Science and Open Access tools in order to open up the research workflow

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## TOTAL DURATION

7 HOURS

## MODULES (IF ANY) AND DURATION

MODULE	TOPIC	THEORY (H)	PRACTICE
1a	Why do we need Open Science	1,5 h	
1b	The Open alternative - theory	2 h	
2a	The Open alternative - practice	1 h	0,5 H
2b	Open Access	1 h	
2c	European policies and EOSC	1 h	

## In detail

Topic	Time	Details
Scholarly communication OR: why do we need Open Science	1,5 h	<ul style="list-style-type: none"><li>• How it works (if it works)</li><li>• Peer review: a crisis?</li><li>• Costs and the anelastic market</li><li>• Reproducibility crisis</li><li>• Research evaluation is the key</li></ul>
Open science: an alternative (theory + practice)	3,5 h	<ul style="list-style-type: none"><li>• Open Science principles</li><li>• COARA and the reform of research evaluation supporting transparency and Open Science</li><li>• Scholarly communication functions reloaded: preprint, open peer review, altmetrics...</li><li>• overview on useful tools to open every step of the research workflow</li><li>• Practice: a card game to create the ideal Open Science workflow</li></ul>



Open Access	1 h	<ul style="list-style-type: none"><li>• Self-archiving and publishing</li><li>• How to make your paper open: copyright policies, repositories, journals...</li></ul>
European policies	1 h	<ul style="list-style-type: none"><li>• Open Science European policies</li><li>• EOSC</li><li>• Open Science and Innovation</li></ul>

**Certificate of attendance:**

To receive a certificate, it is necessary to attend all the modules of the course.

The certificate will indicate the total hours of attendance.

For any additional information not included in the present document or in the Doctoral School website, please contact [dottorati@unito.it](mailto:dottorati@unito.it)