Learning objectives

The laboratory is organized into two parts: 1) historical and theoretical frame of reference on Responsible Research & Innovation (RRI), preparatory to a path of professionalization in the field of sociological research and project design; 2) Writing a review of the scientific literature on RRI, for improving analytical and synthetical skills with the usage of a knowledge management software and tools.

The main learning objectives of the laboratory are the following:

A. Historical and sociological introduction to Science Policy in the European Union.

B. Critical analysis of the Responsible Research & Innovation paradigm.

C. Introduction to an autonomous usage of the knowledge management software Citavi 6.5 in association with Microsoft Word.

D. Development of reflexive skills in writing a scientific literature review.

Contents

Science policy; European programs for scientific research funding (H2020); Responsible Research & Innovation; Styles of Science Communication; Citizen Science; Knowledge management.

Detailed program

Part I.
1. Introduction to the laboratory.
2. Historical excursus on Science Policy from the Endless Frontier Report in USA to the Framework Programmes of Research (FP) in EU.
3. The paradigm of Responsible Research & Innovation: rhetoric and processes.

Part II.

1. Introduction to Citavi 6.5. Basic functions and document management
2. Analysis of a document and management of the elements of knowledge
3. Quotation, references, and bibliographies from Citavi to Word
4. Writing a scientific literary review
5. Reviewing a literature review

Prerequisites

Teaching methods

Lectures and individual work

Assessment methods

The assessment consists of two complementary parts, written and oral:

a) Writing a brief literature review on RRI (5 pages)

b) Presentation and discussion of the paper at the oral exam of Tecnoscienza, Comunicazione e Innovazione

Textbooks and Reading Materials

- Bush, V. (2013), Manifesto per la rinascita di una nazione, Bollati Boringhieri;
- Gallino L. (2007), Tecnologia e democrazia, Einaudi (Cap. 1, 6,8,9);
- Folder of documents, papers and a material will be available during of the lessons