

Bachelor in Sociology
Course of Sociology of Science

A.Y. 2021/2022

ECTS 8 - 48 Hours, II years, II Semester.

Professor Information

Prof. Beba Molinari, PhD, Researcher at Department of Law, Economic and Sociology.

Reception time: Tuesday morning and after lesson or to be agreed upon request via e-mail: beba.molinari@unicz.it

Course Information

Course of Sociology of Science, Bachelor in Sociology, 8 ECTS, A.Y. 2021/2022, 2nd Year, 2nd Semester.

Course Description

During the course, the issues concerning the link that exists between science and society will be explored in order to highlight the role that sociology plays in the mechanisms and processes that take place in contexts related to discovery.

What has been discussed will be explored through concrete examples and case studies relating to today's context, with an eye to the past as well, to highlight the transformations that have occurred over time.

Course objectives and expected learning outcomes

At the end of the course the student must have acquired the key concepts of the sociology of science not only from a theoretical point of view, but also be able to apply the knowledge learned in today's contexts, with particular attention to scientific innovations. In particular, the student must have learned the link that exists between the sociology of science and the other scientific-disciplinary fields.

Program

- The birth of the sociology of science and the different schools of thought
- Description of the authors who deal with the sociology of science and Science and Technology Studies with particular attention to: Merton, Kuhn, Fleck, the School of Edinburgh, Latour, Collins and Pinch, Bijker, Ogburn.
- In-depth study of the link that exists between science, society and politics.
- From Big Data to science, innovation and new technologies.
- Understanding of scientific controversies.
- From democracy to civic participation in science.

Estimate of the commitment required for individual study in terms of hours

Approximately 150 hours

Teaching methods

Frontal lesson, cooperative learning, case studies.

Learning resources

- G. Osti, *Scienza e società. Introduzione alla sociologia della scienza*, Raffaello Cortina editore, Milano, 2010.
- T. S. Kuhn, *La struttura delle rivoluzioni scientifiche*, Einaudi editore, Torino, 2009 (edizione originale 1962).

P.N. The texts suggested above are not an alternative to each other.

Support Activities

Within reception activities.

Modality of attendance

The modalities are indicated in article 8 of the University's didactic regulations.

Modality of Assessment

The final exam will be held orally

Grade	Knowledge and understanding of the topic	Ability to analyze and synthesize	Use of references
Fall	Sever shortcoming and inaccuracies	Irrrelevant. Frequent generalizations.	Completely Inappropriate.
18-20	Sufficient. Important shortcomings.	Sufficient capabilities.	Sufficient.
21-23	Basic Knowledge	The student is capable of correct analysis and synthesis, argues logically and consistently.	The student uses standard references
24-26	Satisfactory. Good knowledge	The student has good analysis and synthesis skills. The	The student uses standard references

		arguments are expressed consistently.	
27-29	Very Good	The student has considerable skills in analysis and synthesis.	The student deepened the topics of the exam
30-30L	Excellent	The student has excellent analysis and synthesis skills.	Important insights.