UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Sociology and Science Communication

2425-1-F0802Q067

Learning objectives

The aim of the course is to introduce the study of science-technology-society relations, with a focus on the development of some new key technologies (Artificial Intelligence, ICT, Robotics, Biotechnology) and the knowledge society in the era of the crisis of neoliberalism.

N.B.: Industrial Biotechnology students unable to take the lectures of their portion of the course (Sociology and Communication of Science, 6cfu) due to overlaps with their other degree's courses may take the video lectures uploaded for AA 2021-2022

Contents

Sociological imagination and sociology of knowledge. Sociology of science and technology. Contemporary key technologies. Knowledge chain. Neoliberal political theology.

Detailed program

INTRODUCTION
Sociological imagination and sociology of knowledge.

PART ONE
The sociology of science and technology.
Contemporary key-technologies.
Knowledge chain: school-university-research-innovation.

PART TWO
Knowledge and knowledge society
Utopias and ideologies between ancient and modern myths.
Neoliberal political theology.

CONCLUSION. Communication, knowledge and democracy.

Prerequisites

None.

Teaching methods

The Course consists of 56 hours of so-called 'deliverable' teaching (so-called 'face-to-face' lectures involving - obviously - communicative exchange in the classroom)

Assessment methods

Oral examination on texts + (for APROS students only) discussion of a paper approved by the lecturer

Textbooks and Reading Materials

*The examination programme (9cfu) for **APROS** students is the same for attending and non-attending:*
a) Cerroni A., Simonella Z. (2014), *Sociologia della scienza. Capire la scienza per capire la società contemporanea*, Roma: Carocci.
b) Cerroni A.(2022), “Techne, logos e utopie. Ripensare la fabbrica del mondo per un umanesimo tecnologico”, *Cambio. Rivista sulle trasformazioni sociali*, doi:10.36253/cambio-13297
c) Cerroni A. (2022), “Tecnica e libertà fra Praga e Santiago. A mezzo secolo da un doppio bivio politico-tecnologico”, *Quaderni di sociologia*, (in print).
d) preparation and discussion of a written paper (approx. 4,000 words to be sent by email to the lecturer at least one week before the exam date) on a topic and bibliography to be agreed with the lecturer.

*The examination programme (6cfu) for **Industrial Biotehcnology** students is the same for attending and non-attending:*
a) Cerroni A., Simonella Z. (2014), *Sociologia della scienza. Capire la scienza per capire la società contemporanea*, Roma: Carocci.
b) Cerroni A. (2024 2^edition), *Il futuro oggi. Miti antichi e moderni nella contemporaneità neoliberale: il cuore, l’anima e la società*, Milano: Franco Angeli.

Sustainable Development Goals

QUALITY EDUCATION