



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Lab. Politiche Urbane

2021-2-F8802N015

Learning objectives

Knowledge and understanding

The workshop is aimed to give students the main methodological knowledge in the domain of socio-spatial analysis for urban policies' planning.

Applying knowledge and understanding

To acquire basic skills related to the methods and techniques of socio-spatial analysis (sources, operationalization, indicators; GIS-based spatial data analysis and visualization).

Contents

The workshop aims to introduce students to the socio-spatial analysis for urban policies' planning. Through exercises and case analysis, students will acquire basic skills in the method and techniques of socio-spatial analysis.

Detailed program

During the workshop particular attention is dedicated to: identifying the sources of ecological data at local, national and international level; data quality and comparability; indicators; analysing and representing data with geographic information systems (GIS).

Prerequisites

Basic knowledge and skills in sociology of territory, social research methods and in the use of software such as Excel and SPSS.

Teaching methods

Mixed mode: partial presence and asynchronous / synchronous videotaped lessons/exercises

Assessment methods

Written examination: Exercise

A final test will be scheduled. Students will have to do an exercise aimed at verifying the acquisition of knowledge and skills in the domain of socio-spatial analysis. Students will be also evaluated during the workshop (active participation and carrying out the proposed exercises).

Textbooks and Reading Materials

- Boffi M. (2004), *Scienza dell'informazione geografica. Introduzione ai GIS*, Bologna: Zanichelli.
- Catania D. (2013), *Dati e rappresentazioni territoriali con Arcgis*, Milano: FrancoAngeli. (disponibile anche e-book)
- Daconto L. (2017), *Città e accessibilità alle risorse alimentari. Una ricerca sugli anziani a Milano*, Milano: FrancoAngeli.
- Pintaldi F. (2009), *Come si analizzano i dati territoriali*, Milano: FrancoAngeli
- Zajczyk F. (1997), *Il mondo degli indicatori sociali. Una guida alla ricerca sulla qualità della vita*, Roma: NIS.

Online resources

<https://www.spatialanalysisonline.com/HTML/index.html>
