

Information literacy skills and research strategies (2CFU)
Dottorato di Ricerca in Ingegneria Strutturale e Geotecnica (2021)

This course is intended as an introduction to using academic literature in young academic's research.

The scope is to introduce Ph.D. candidates to the principles and practice of Information Literacy as applied to research, develop those skills which will enhance the quality of their research output, expand their career opportunities in a knowledge-based society and create awareness of both quantitative and qualitative measurement tools.

In a series of hands-on workshops, candidates will learn to build their research skills, improve their search strategy, and carry out a literature review.

Some topics covered:

- Literature searching, citation searching and finding materials from Sapienza's extensive online library using abstract and citation databases such as Scopus, Web of Science, and further subject specific resources, etc;
- Getting the most out of the Internet for research and comparing the advanced features of search engines such as Google Scholar, as well as specialist search engines. Finding conferences, dissertations, theses, e-theses, research and specialist publications, using EThOs, etc.;
- IRIS - Sapienza's Institutional repository. Depositing your thesis in the University Repository (requirement for graduating): how to avoid problems;
- Managing information and using bibliographic management software to manage and share information, e.g. EndNote, Mendeley, Zotero.
- Scholarly communication, peer review process, citation analysis, identifying highly ranked national and international journals using Scimago, JCR, Dimensions.
How to detect predatory journals.
- How to correctly acknowledge sources and avoid plagiarism and misconduct;
- Open Access policy at Sapienza University. Preprints, authors accepted manuscript, version of record explained, which? Sherpa Romeo. Open access agreements with publishers.
What is copyright?

Next steps, keeping up to date and building an online presence to extend impact and enlarge the visibility of your work.

This training module will be in English.

Mary Joan Crowley (CC BY-NC-SA 4.0)