

Bibliographic resources and research tools for PHD students in Industrial Engineering

2024 edition

Lecturer: Librarians, Biblioteca Centrale di Ingegneria, University of Padova

Email: biblio.inge@unipd.it

Topics:

1st Module (5 hours)

Online course: to be attended before the face-to-face module.

- Engineering libraries and their services (local and interlibrary loan, document delivery, bibliographic reference, book purchase proposal...)
- GalileoDiscovery as the University of Padua Library Search Tool
- Engineering, Economics, Management databases (BSC, IEEE Xplore, Engineering Village, Reaxys, ACM Digital Library, ASTM Compass, DieselNET, Total Materia, BSOL)
- Citation databases: Scopus (Elsevier), Web of Science (ISI).
- Bibliometric indicators: quality measurements of scientific publication

2nd Module (5 hours, in two lessons)

Face-to-face course

- Academic publishing and Open Access. Padua Research Archive (PRA/IRIS): the institutional repository for academic research.
- Open Science and data management. Research Data Unipd, the Institutional repository for the outputs of research. (3 hours)

- Bibliographic citations and citation styles. Reference management: introduction to Zotero. (2 hours)

Learning Goals:

Upon completion of the course, doctoral students will be familiar with the services of the SBA libraries, tools for bibliographic research, and the cycle of scientific publishing, including open science.

References:

- Engineering Central Library – University of Padova website: <https://biblio.unipd.it/biblioteche/ingegneria>
- University Library System website: <https://biblio.unipd.it/en> specially about Open Science, Open Access, Open Data, Metrics. . . <https://biblio.unipd.it/en/digital-library/about-publishing>
- The Principles of Open Scholarly Infrastructure <https://openscholarlyinfrastructure.org/>
- Aliprandi, Simone, and Simone Aliprandi. Fare open access: la libera diffusione del sapere scientifico nell'era digitale. Ledizioni, 2017.
- Capaccioni, Andrea, et al. Ricerche bibliografiche: banche dati e biblioteche in rete. 2. ed, Maggioli, 2018.
- Turbanti, Simona. Strumenti di misurazione della ricerca: dai database citazionali alle metriche del web. Editrice Bibliografica, 2018.

Language of the course: English

Delivery Modality: online, face-to face

Academic Year/Years: a.a. 2024/25, a.a. 2025/26, a.a. 2026/27

Timetable:

Duration of the course: 10 hours (2 credits)

Schedule: December 2024 – February 2025

Location: dates and venue to be defined

Admission:

Students should register for the course by using the STEM Moodle platform of the Doctoral Course.

If a student has registered himself for the course and then decides to not attend the course anymore, he/she should inform the professor that he won't be present at the lessons.

Examination:

Attendance is necessary.

Online module is required for attending the face-to-face module.

Final test after online course and after face-to-face course, to confirm the participation and the training.

Additional information:

The course is organized for Industrial Engineering PhD students, but the registration is free for every PhD Student.

For any further information or for problems with the on-line module, feel free to contact us at: biblio.inge@unipd.it.