



UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

Servei de Biblioteques, Publicacions i Arxius

PhDay FME (09.04.2025)

RESEARCH LIBRARY SERVICES

Facultat de Matemàtiques i Estadística (FME)

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Summary

- Information search & management
- Training courses ('Your doctoral thesis' training path)
- Open science: open-access publishing
- Open science: research data
- Open Science: best practices for PhD students
- Visibility, impact & assessment
- Facilities & meeting spaces

Information search & management

DiscoveryUPC

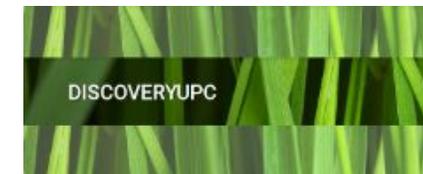
- UPC scope: physical and digital documents from the UPC library collections.
- Catalan scope (PUC): physical documents from Catalan university libraries Consortium loan service (PUC).
- International scope: articles and book chapters from major libraries worldwide (delivered free to your email within 24 hours)

Identifica't per aconseguir els resultats complets i per demanar exemplars  Identifica't |  DESCARTAR

UPC Digital Library

- Scientific and academic journals, ebooks and databases
- Doctoral thesis, final degree and master's projects, scientific articles, and other publications by UPC members available through the UPCommons portal.

Access to [eBIB](#)



DiscoveryUPC

Busca articles, llibres, audiovisuals, revistes i més



Revistes electròniques

Revistes subscrietes



Bases de dades

Cerca informació especialitzada



Information search & management

Manage Bibliographic References

- Create a personal database (or library) of bibliographic references
- Collect bibliography automatically, organize it, and annotate it
- Organize, edit, and search saved references
- Insert citations and create bibliographies easily and automatically in different citation styles.
- They allow managing bibliographic references with LaTeX



Zotero

Manage bibliographic references of academic works with an open source program.



Mendeley

Manage the bibliographic references of academic works



Access to [Guides](#)

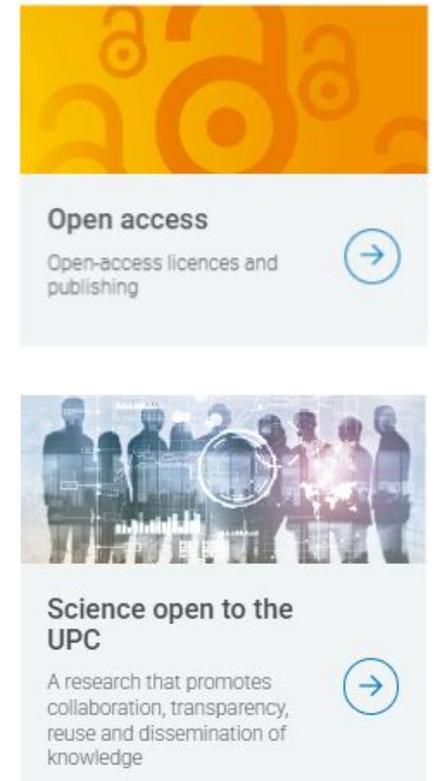
Training courses: 'Your doctoral thesis' training path

- Get off on the right foot with your thesis: organising information
- Data management plan (DMP)
- Reference management softwares
- Scientific publication
- Visibility and impact indicators
- Elaboration of the thesis manuscript
- Open science
- DRAC for PhD students



Open science

- It promotes openness in all research phases, from project design to publication
- It promotes collaboration, transparency, reuse, and knowledge sharing
- It brings a structural change for all involved and poses a short-term challenge for universities



Access to [Open science](#)

Open-access publishing

- Transformative agreements and grants to publish in open access (APC)

PhD students can publish their work openly thanks to these transformative agreements

- UPC mandate to assign research activity points (PAR) for open-access publications



Access to [Transformative agreements](#)

Open access: research data

- Data Management Plan (DMP)
- Research data publishing in CORA.RDR

FAIR research data

As open as possible as closed as necessary

- Rights and licenses





Open Science: best practices for PhD students (always considering your supervisor)

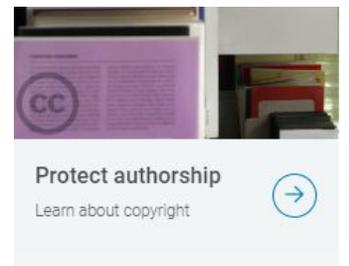
- Use a code of conduct since the beginning of your research
- Preprints publish a preprint in a preprint service
- Publish an article (and your thesis) in open access
- Write a data management plan at the beginning of your research
- After defending your thesis publish you data in a data repository (and the code needed to use the data)
- Prepare your narrative curriculum
- Include citizens in your research project since the beginning of your research

- Signature and institutional affiliation

Departament de Matemàtiques (MAT), Facultat de Matemàtiques i Estadística (FME), Universitat Politècnica de Catalunya - BarcelonaTech (UPC), Campus Sud, Edif. U, C. Pau Gargallo, 14, 08028 Barcelona, Spain

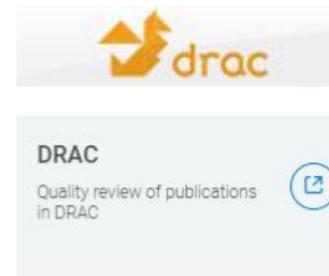
- Intellectual property, author's rights and ethical use of information

- Advice on writing articles, theses, contribution to conferences



Visibility, impact & assessment

- Review the information on the Web of Science Profile and Scopus Author Profile.
- Always use the same institutional signature.
- Create a researcher profile on Google Scholar.
- Register an ORCID it is necessary to:
 - a. Deposit it in DRAC
 - b. Publish articles in journals
 - c. To apply for national and international grants and calls.
 - d. Required to request an APC
 - e. Be present on the Portal de la Recerca de Catalunya



Facilities & meeting spaces

- 12 libraries
- Loan service
- Group study rooms
- Laptops: by hours at the library or by days from home
- Research Cafe



Work rooms

Make your reservation!



Research Café

Informal meetings to learn about and enhance the visibility of the University's research staff projects



Laptop loan by the hour

Do you need a laptop to work in the library?



Do you need a laptop to study from home?

We can leave you one. Check the conditions





Research library services: bibliotecnica.upc.edu

Thank you very much for your attention

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FME Library