FIB MASTERS

Oscar Romero
Vice-dean of Postgraduate Studies

fib.info.masters@upc.edu

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FIB:
Facultat d'Informàtica de Barcelona

Universitat Politècnica de Catalunya (UPC-Barcelona**Tech**)

About UPC

Universitat Politècnica de Catalunya (UPC-BarcelonaTech) is a public higher education and research institution that is specialised in the fields of architecture, science and engineering and one of the leading technical universities in Europe.

Every year, more than 6,000 bachelor's and master's students and more than 500 doctoral students graduate.

UPC values:

Social responsibility   *Sustainability*   *Equal opportunities*   *Cooperation and solidarity*

UPC Main Indicators

Main indicators ⓘ

UPC Community

→ **25,289** bachelor's students

→ **6,038** master's degree students

→ **2,189** doctoral degree students

→ **2,279** lifelong learning students

→ **3,677** teaching and research staff members

→ **2,143** administrative and service staff

→ **91,278** UPC alumni members

→ **318** doctoral theses defended

→ **2,890** graduates of master's degrees

→ **3,666** graduates of bachelor's degrees

Knowledge

→ **67** bachelor's degrees 2024-2025

→ **96** master's programmes 2025-2026

→ **46** doctoral programmes 2025-2026

→ **141** continuing education programmes

→ **10** patents

→ **41** technology companies in which the UPC has a shareholding

→ **187** scientific and technical awards received

→ **2,308** articles published in scientific journals

→ **€121,571,856** turnover for R&D projects (2024)

UPC in the world

→ **5,703** students participating in educational cooperation agreements with companies

→ **18** company chairs

→ **13** companies set up last year

→ **2,983** companies and other entities that have signed collaboration agreements with the UPC

→ **54** international double-degree agreements with 30 universities

→ **3,176** students in international mobility programmes

→ **1,390** UPC students (outgoing)

→ **1,786** mobility students at the UPC (incoming)

→ **47** development cooperation projects

→ **15** international networks with the UPC as a member

→ **4** UNESCO chairs

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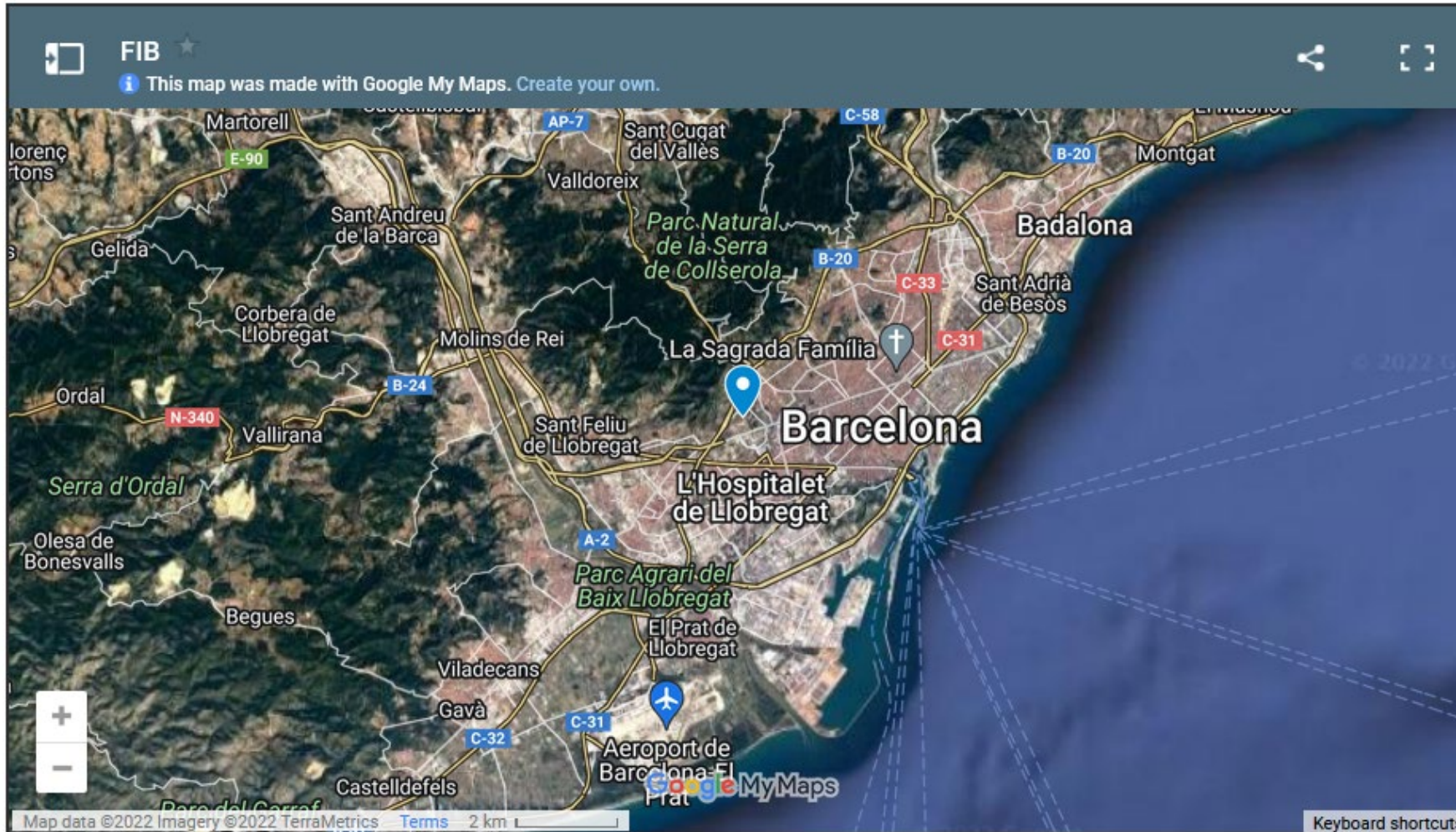Facultat d'Informàtica de Barcelona

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About FIB

The Facultat d'Informàtica de Barcelona (Barcelona School of Informatics) belongs to UPC and it is the reference centre for Informatics studies since its inception in 1976, and the beginning of the educational activities during 1977-1978.

Throughout these 40 years, the faculty has been in charge of the bachelor's degree, diploma courses, technical engineering and master degrees and currently the formal qualifications in the field of Computer Science and related subjects.

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FIB

FIB: Where?

Address
B6 Building at Campus Nord
Jordi Girona street,1-3
08034 Barcelona

Contact
Email: info.masters@fib.upc.edu

Web: http://www.fib.upc.edu/

Social Networking
https://www.facebook.com/fib.upc
https://bsky.app/profile/fib.upc.edu
https://www.youtube.com/user/mediafib
https://www.instagram.com/fib.upc/

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FIB: Mission

- Provide education on **informatics engineering**
    - Promote the dissemination of information technologies to contribute to society improvements
    - Provide a strong background to our students that will be used throughout their professional life
- **Prioritizing lasting concepts**
- Promoting **effective working habits and team working**
- Stimulating their students' **ability of self-sufficiency**

FIB: Quality Indicators

Our masters are externally evaluated and certified with the maximum quality labels by international and national evaluation organisms

- FIB established the processes and mechanisms to implement Internal Quality Assurance System (IAQS). This accreditation process is carried out by quality agencies such as AQU/ENQA and allows supervising the performance of studies and informs the society about its quality.
  - MEI, MIRI and MAI obtained the maximum quality label AQU-Excellence
  - MDS started in September 2021 and has not been externally evaluated yet. Relevantly, MDS is the local counterpart of the BDMA Erasmus Mundus master which is certified by the European Education and Culture Executive Agency (EACEA) as an excellence and reference programme.

- What aspects do quality agencies highlight about our masters:
  - Programme learning outcomes
  - Teaching staff
  - Learning support services and resources

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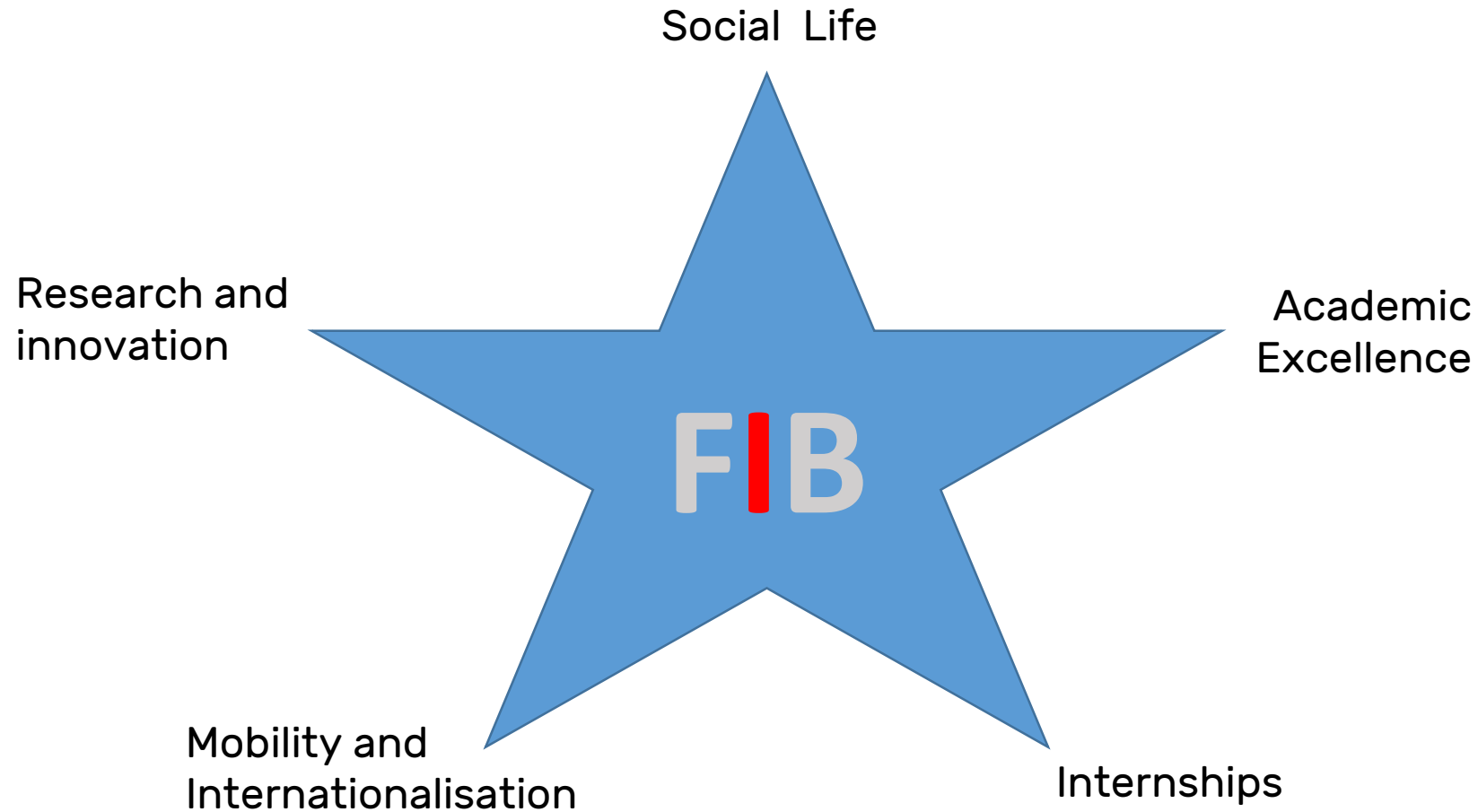BARCELONATECH
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FIB: Why?

- It is one of the top 10 computer science schools in Europe. We have the resources, professors and experience to offer a wide range of high-value courses.

- It is a pioneering school at university-level in Informatics in Spain and has been spearheading Catalonia's progress in the field since 1977. Its contribution to society can clearly be seen in the number of top-quality professionals it has produced, who are required by organizations that seek to innovate and make progress.

- Excellence quality certified by external and independent quality agencies.

Opportunities

- Broaden your knowledge on the latest trends and technologies in informatics.

- Complete your education with a stay at a foreign university.

- Carry out your master's thesis or work placement at a company and get paid for it.

- Study in an international environment.

- Take a double master's degree with a foreign university.

- Collaborate with the many research centres and groups linked to FIB.

- Participate in sports, cultural, international cooperation and leisure activities organized by student associations.

FIB Masters at a Glance

Social Life

Research and innovation

Academic Excellence

Mobility and Internationalisation

Internships

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FIB Masters: MEI, MIRI, MDS, MAI (plus MFPS, BDMA and EU4HPC)

Quick Summary

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FIB Masters

- Master in Artificial Intelligence (MAI)
- Master in Informatics Engineering (MEI)
  - Master in Informatics Engineering – Industrial Modality
- Master in Innovation and Research in Informatics (MIRI)
  - Advanced Computing
  - Computer Graphics and Virtual Reality
  - Computer Networks and Distributed Systems
  - High-Performance Computing
- Master in Data Science (MDS)
- Màster per al Professorat de Secundària (MFPS)
- Erasmus Mundus Master in Big Data Management and Analytics (BDMA)
- EU Master in High Performance Computing (EU4HPC)

https://www.fib.upc.edu/en/studies/masters/do-you-want-study-master-degree/masters-information-sessions

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MEI: Master in Informatics Engineering

The master's degree equips graduates with knowledge and hands-on experience across a wide spectrum of information technology domains: from cloud computing to security and from computer graphics to information systems, with a focus on IT management and leadership.

Graduates become the "Swiss Army knife" of IT in their organizations.

- This degree is equivalent to the former *Enginyer en Informàtica*
- Accreditations: EQUAINE, AQU-Excellence
- Language: Spanish / Catalan (B2)
  - Some courses are taught in Catalan and some in Spanish
  - Support to Spanish-speaking students to learn basic Catalan to follow the lectures
- 90 ECTS : 1.5 anys – Strong professional orientation
  - 45 Compulsory (36 IT , 9 Management)
  - 15 Elective (3 ECTS on Management)
  - 30 Master thesis
- Industrial Agreements – Curricular Internships, Professional Experience (elective ECTS)
- Complementary courses might be required

https://masters.fib.upc.edu/masters/master-informatics-engineering

MEI – Industrial Modality

It is the same as MEI (all information from previous slide holds), but a track thought for people working part-time at a company or conducting a CCE

- *Intensive training academic-professional,*
- *Focus on project management and team leadership*

- Students of this modality will achieve their studies in **2 years** with the following dedication:
  - A maximum of 4-5 hours/day dedicated to their studies at FIB,
    - Compact Lecture Schedule: 3 afternoons per week (14:00 to 20:00)
    - The rest of hours are devoted to self-study activities that can be conducted from home
  - Around 5 hours/day dedicated to their formation and work in industry.

https://masters.fib.upc.edu/masters/master-informatics-engineering-industrial-modality

MEI Vs. MEI Industrial Modality

	MEI	Industrial MEI	
S1	ACAP, CSI, SEU, SGI, PEGTI +1,5 ECTS (1 management course)	SGI, CSI, PEGTI+SECS	Internship or working experience
S2	VPEI+FPEI, DGSI, ISDCM +7,5 ECTS (~3 elective courses)	VPEI+FPEI, DGSI, ISDCM	Internship or working experience
S3	Master Thesis	SEU, ACAP	Internship or working experience
S4		Master Thesis (B or D modality)	

ECTS (industrial modality)
- 48 ECTS   FIB
- 42 ECTS   Industry (25/30h = 1 ECTS)

Total: 90 ECTS

MIRI: Master in Innovation and Research in Informatics

This master offers a strong and rigorous background in research and innovation in 4 fields of informatics:
- *Advanced Computing (AC),*
- *Computer Graphics and Virtual Reality (CGVR),*
- *Computer Networks and Distributed Systems (CNDS),*
- *High-Performance Computing (HPC).*

- Accreditations: EQUAINE, AQU-Excellence

- Language: English (B2)

- 120 ECTS: 2 years
  - 30 Common compulsory
  - 48 Specialisation (4 specialisations)
  - 12 Electives
  - 30 Master thesis

- 4 Specialisations:
  - AC: https://masters.fib.upc.edu/masters/miri-advanced-computing
  - CGVR: https://masters.fib.upc.edu/masters/miri-computer-graphics-and-virtual-reality
  - CNDS: https://masters.fib.upc.edu/masters/miri-computer-networks-and-distributed-systems
  - HPC: https://masters.fib.upc.edu/masters/miri-high-performance-computing

- Industrial Agreements – Curricular Internships, Professional Experience (elective ECTS)

- Complementary courses might be required

EU4HPC (MIRI-HPC track)

- European Master for High Performance Computing
- Coordinated by Université du Luxembourg and 7 additional European Universities: UPC, Politecnico de Milano, Friedrich-Alexander Universität Erlangen-Nürnberg, Sorbonne Université, Sofia University, Università della Svizzera Italiana, Kungliga Tekniska Högskolan
- Implemented as dual degree
- Consortium grants: fee waiving (for eligible students) + mobility scholarship
- Accreditations: H2020 Framework Programme (EuroHPC)
- Online Info Session: 16th April, 2025
- Application period
  - Meet the deadline to apply to EU4HPC (via their website)
  - In parallel, meet the deadline to apply to the local starter university
- 120 ECTS: 2 years
  - 12 months fundamental courses
  - 6 months specialization
  - 6 months internship
  - Mandatory summer school
  Mobility scheme among partners according to academic paths identified

https://eumaster4hpc.uni.lu/

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MDS: Master in Data Science

This master offers a unique interdisciplinary syllabus to unlock data value in a systematic, rigorous and scalable manner
- *Data Management: data lifecycle (data flows, databases, systems; including Big Data scenarios)*
- *Data Analytics: data analysis and visualization (data mining and machine learning)*

- Accreditations: Local implementation of the Erasmus Mundus Master in Big Data Management and Analytics (European reference programme in Data Science) – EACEA certified

- Language: English (B2)

- 120 ECTS: 2 years
  - 54 Compulsory
  - 36 Elective (among three blocks)
  - 30 Master thesis

- 3 main specialisation blocks:
  - Deep Dive in Specific Aspects of Data Science
  - Applications of Data Science for Specific Domains (e.g., Bioinformatics, Health, Transportation, etc.)
  - Innovation and Research

- Extracurricular Internships and Curricular Master Thesis internships

- No complementary courses considered

https://masters.fib.upc.edu/masters/master-data-science

MAI: Interuniversity Master in Artificial Intelligence

This master offers an integrative and cutting-edge approach to the field and its application to real scenarios

- Jointly offered with Universitat de Barcelona (UB) and Universitat Rovira i Virgili (URV)
    - Lectures in the three campuses (one day per week students must go to URV in Tarragona)

- Accreditations: AQU-Excellence, AQU-Internationalization

- Language: English (B2)

- 90 ECTS : 1.5 years
    - 30 Compulsory
    - 42 Elective (among the intensifications)
    - 18 Master thesis

- 7 intensifications (not chosen at admission time)
    - Data Science and Computational Intelligence;
    - Multi-Agent Systems; Human-Computer Interaction;
    - Hot Topics in AI and Professional Practice;
    - Knowledge Engineering and Machine learning;
    - Modeling, Reasoning and Problem Solving;
    - Vision, Perception and Robotics. Assistive Technologies

- Industrial Agreements – Curricular Internships, Professional Experience (elective ECTS)

- Complementary courses might be required

https://masters.fib.upc.edu/masters/master-artificial-intelligence

How to Navigate the FIB Websites

- Overall view: https://masters.fib.upc.edu/
  - Video with this information session recorded
  - For each master
    - Video of the specific information session (only for MEI, MIRI, MDS)
    - Why this master
    - Curriculum
    - Employment opportunities
    - Admission
    - Faculty
  - International prestige
  - Grants
  - About Barcelona
- Specific details per master: https://www.fib.upc.edu/en/studies/masters/
  - Enrolment
  - Detailed curriculum / syllabus
  - Academic regulations
  - Timetables and Exams
- Administrative procedures: https://www.fib.upc.edu/en/studies/academic-management
- Academic calendars: https://www.fib.upc.edu/en/studies/academic-management/academic-calendars

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https://masters.fib.upc.edu/

The pre-enrolment is **open from 24 February to 21 May 2025**. It is divided into two periods:

- 1st period. From 24 February to 4 April.
- 2nd period. From 7 April to 21 May.

ℹ Check our grants opportunities

Do you want to attend our **information sessions**? Sign up for them!

Now, FIB-UPC master degrees!

General information sessions 2025

All general sessions will include MEI, MIRI, MAI and MDS.

- Tuesday 3 March, 12 pm, within the framework of the UPC virtual postgraduate fair. Sign up!
- Tuesday 1 April, 4 pm – sign up!
- Tuesday 6 May, 12 pm – sign up!

Specific information sessions 2025

All specified sessions will treat a specific master.

- MEI - Friday 25 April 12 pm – sign up!
- MIRI - Tuesday 29 April, 12 pm – sign up!
- MDS - Tuesday 29 April, 4 pm – sign up!

The sessions will be held in English, except for the specific MEI session, which will be in Catalan/Spanish.

MEI: Master in Informatics Engineering; **MIRI**: Master in Innovation and Research in Informatics; **MAI**: Master in Artificial Intelligence; **MDS**: Master in Data Science

Master in Data Science

Master in Informatics Engineering - Industrial Modality

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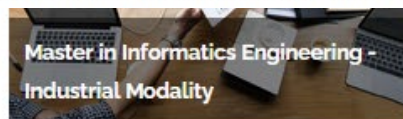
Procedure

Interested in one of our masters? This is the procedure to follow


The admission process, step by step

1 Register. Enter your personal and academic details.

2 Pay the €30 pre-enrolment fee to start the process.

3 Check the decision on admision

4 You must accept the place

5 Pay €300, which will be deducted from your enrolment fees.

6 Enrol and provide the original documents.

https://www.upc.edu/en/masters/access-admission-enrolment

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Important Dates

- Pre-enrolment: From 24th February to 21st May 2025
- Two (three) admission periods:
  - First period:
    - Deadline to apply: 4th April 2025
    - Tentative admission notification: 25th April 2025
  - Second period:
    - Deadline to apply: 21st May 2025
    - Tentative admission notification: 15th June 2025
  - *Third period:*
    - *Not guaranteed, only if seats available*
    - *Tentative deadline: 30th June*
    - *Tentative admission notification: 7th July*
- Check the specific website of each master to know about its admission criteria: masters.fib.upc.edu

Pre-enrolment

- Start the procedure from the masters.fib.upc.edu website. Look for your favourite master, scroll down and look for the pre-enrolment button as shown below
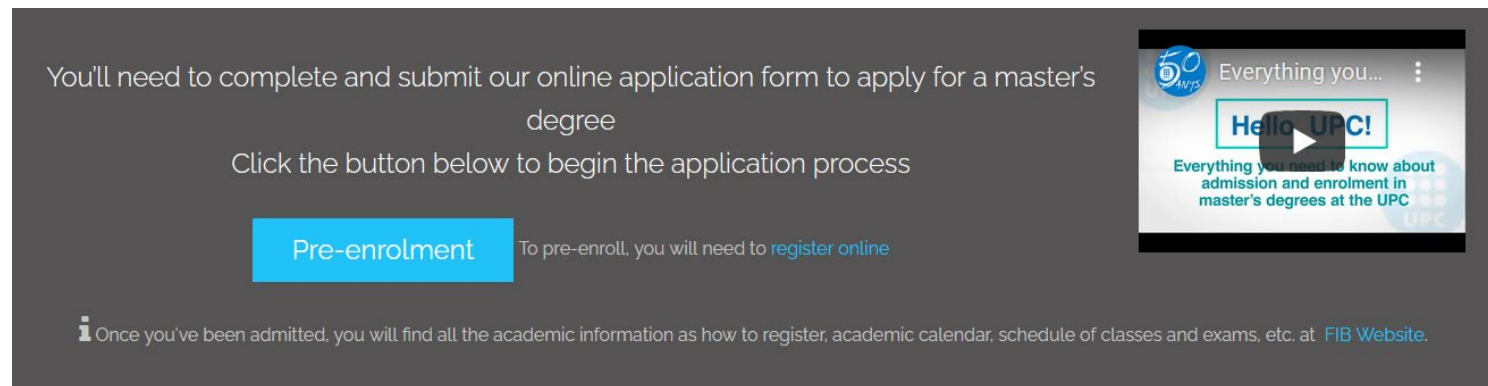
- To pre-enrol follow the instructions
  - Provide the required documentation to evaluate your admission
  - Pay 30,21€ (tax). **The button to pay the tax does not appear until all required data is introduced**

You can learn more about the pre-enrolment process here:
https://www.upc.edu/en/masters/access-admission-enrolment/pre-enrolment

Admission

- Depending on your pre-enrolment data your application will be evaluated within the first or second period.
- Evaluation outcome: accept, reject, postpone (1st round) or waiting list (2nd round)
  - First period:
    - Deadline to apply: 4th April 2025
    - Tentative admission notification: 25th April 2025 (accept, postpone, reject)
  - Second period:
    - Deadline to apply: 21st May 2025
    - Tentative admission notification: 15th June 2025 (accept, waiting list, reject)
- Accepted applications are contacted and informed about all relevant academic information as how to register, academic calendar, schedule of classes and exams, etc.
  - All this information is already available at FIB Website.
  - Before registration, you must pay 300€ (tax) to guarantee your place (this money is later deduced from the registration cost).
- Postponed applications get their final decision during the second period.
- Waiting list applications are contacted in order if drop outs happen.
- Rejected applications are not accepted to follow that program.

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Administrative and Academic Contacts

- General:
  - Information: fib.info.masters@upc.edu
  - Specific academic questions:
    - MAI: Ulises Cortés (ia@cs.upc.edu)
    - MEI, BDMA: Òscar Romero (vd.postgrau@fib.upc.edu)
    - MDS: Anna Queralt (anna.queralt@upc.edu)
    - MIRI-AC: Amalia Duch (amalia.duch@upc.edu)
    - MIRI-CGVR: Nuria Pelechano (npelechano@cs.upc.edu)
    - MIRI-CNDS: José M. Barceló (joseb@ac.upc.edu)
    - MIRI-HPC, EU4HPC: Josep Llosa (josepll@ac.upc.edu)

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2024/2025 Prices

European Union applicants

- MEI: 18,46€ / ECTS
- MIRI, MDS, MAI, EU4HPC: 27,67€ / ECTS
- BDMA: 75€ / ECTS (*price for programme* countries*)

*Programme countries: EU countries plus Turkey, the former Yugoslav Republic of Macedonia (FYROM), Iceland, Liechtenstein, Serbia and Norway

Non-European Union applicants

- MEI, MIRI, MDS, MAI, EU4HPC: 102,52€ / ECTS
- BDMA: 150€ / ECTS

Note: prices for 2025/2026 will be published in July. Once published, UPC list the prices here: https://www.upc.edu/en/masters/fees-grants
  - *Perspectives to be reduced up to 17,69€ / ECTS for European Union applicants at mid-term*

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Internships

- *Convenis de col·laboració universitat – empresa (CCE):*
https://www.fib.upc.edu/en/companies/industrial-practices
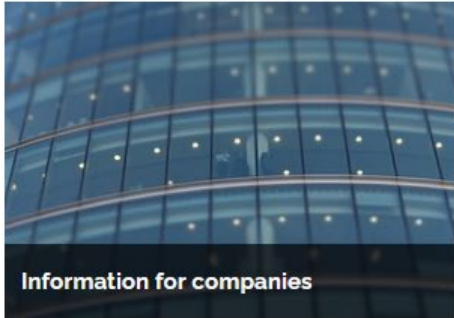
Internships

CCE can be established with companies having an Industrial Agreement with FIB

- Extracurricular Practices:
  - NO Elective credits
  - MDS only accepts this type of practices (except for the Master Thesis: modality B or D)
- Curricular Practices:
  - Elective ECTS (6 minimum, 12 maximum) [+ Master Thesis ECTS]
  - 30 hours → 1 ECTS
  - Master Thesis (Modality B or D) – all masters
- 900 hours per year
  - Maximum: 900 hours for MAI and MEI (90 ECTS master)
  - Maximum: 1200 hours for MIRI and MDS (120 ECTS master)

Professional Experience as elective ECTS (work contract):
  - Previous or during the master
  - 1600 hours per 6 credit
    - Then, proportional

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Mobility and Internationalisation

Plenty of options! 202 universities in 42 countries

- Study abroad (one or two semesters)
  - Conditions (max ECTS): MIRI (12+18+30), MEI (30), MDS (30+30), MAI (12+18)
  - Mobility programs (many with scholarships)
    - CERN
    - Erasmus+
    - UNITECH
    - Latin America, USA and Canada
    - National Institute of Informatics (NII) Tokyo and Vulcanus in Japan
    - China

- 12 Double degrees (more to come!)

- Internship abroad
  - Ever-open calls: Erasmus+, IAESTE, AIESEC, Entrypark
  - Academic institutions
  - Industry

- Other activities (summer schools, short stays...)

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Mobility and Internationalisation

https://www.fib.upc.edu/en/mobility

Mobility and Internationalisation

- Mobility calendar: https://www.fib.upc.edu/en/mobility/outgoing/mobility-calendar

Mobility and Internationalisation

- Information Sessions: https://www.fib.upc.edu/en/mobility/outgoing/information-sessions

Mobility information session 2024-2025

For mobility stays during the academic year 2025-2026

1st semester

Wednesday, 20 November 2024

In this first session we will inform on the various mobility programs, but we will focus on those whose call is in December-January and on the stays at US universities. Information sessions will be recorded.

Place: A5E01(96)

- Morning session: **12:15 pm**

Necessary prior registration: (outdated)

Mobility Presentation 2024-2025 Q1

2nd semester

Wednesday, 12 February 2025

In this second session we will inform on the various mobility programs, but we will focus on Erasmus+,SICUE and double degree calls. Information sessions will be recorded.

Place: Sala d'actes del Vèrtex

- Morning session: **12:15 pm**;
- Afternoon session: **15:00 pm**

Necessary prior registration

Mobility Presentation 2024-2025 Q2

Still have doubts?
Contact us at:
fib.rel.int@upc.edu

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UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH
Facultat d'Informàtica de Barcelona

FIB

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Grants and Aids

- Find all details at: https://masters.fib.upc.edu/grants-and-financial-aid

General information

There are multiple ways to fund your studies at the **Universitat Politècnica de Catalunya** · BarcelonaTech (UPC). Grants, scholarships, mobility grants and loans are offered by the University and other bodies.

Complete information about grants and financial aid at the UPC.

Below you will find information on specific scholarships and grants that you can apply for at the FIB. **It is necessary to have applied for admission in the corresponding Master to qualify for any of them.**

Grants

"Nacho Navarro" grants (2024-2025)	⌄
Seidor grants (2024-2025)	⌄
Allianz Grants (2024-2025)	⌄
NTT DATA (2024-2025)	⌄
FIB Visiona - FIB grants (MEI, MIRI and MAI)	⌄
Fundació Catalunya-La Pedrera (MAI)	⌄
Accenture - Barcelona Digital Talent grants	⌄
Allianz Technology Grants (2024-2025)	⌄

https://agaur.gencat.cat/ca/beques-i-ajuts/pagines-especials/beques-i-ajuts-per-estudis-universitaris1/beca-general-ministeri/index.html

CBA scholarships in AI for networking for MIRI Students	⌄
inLab FIB	⌄
NaNoNetworking Center in Catalunya (N3Cat) scholarship for MIRI students	⌄
SANS scholarship for MIRI and MEI	⌄

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Own Grants

- FIB participates in several consortiums and has strong links with foundations / companies who provide financial aid to our students:
  - Masters BDMA (joint degree equivalent to a triple degree)
  - Master EU4HPC (dual degree)
  - NTT Data
  - Seidor
  - Nacho Navarro
  - FIB Visiona
  - Allianz
  - …

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Research and Innovation

- UPC, and FIB specifically, is a leading research institution
  - Top university obtaining H2020 projects: https://www.upc.edu/en/press-room/news/the-upc-is-still-the-top-spanish-university-in-obtaining-funds-from-the-h2020-programme
  - Start-ups, spin-offs, innovation and technology transfer: https://www.upc.edu/en/r-d-i/innovation
  - UPC's centre for Development Cooperation: https://www.upc.edu/ccd/en
- Complement your time during the masters with added-value tasks!
- One strong aspect of our masters is that our teaching staff are also researchers with wide experience on the topics they teach
  - Belong to different departments and research groups
  - Have strong networks with researchers all over the world
    - You may want to do research under international mobility
- Formalise your research experience with research grants or CCE agreements
- Areas covered by our research groups:
  - Mathematics (MA)
  - Business Administration (OE)
  - Computer Architecture (AC)
  - Physics (FIS)
  - Services and Information Systems Engineering (ESSI)
  - Computer Science (CS)
  - Statistics and Operational Research (EIO)
  - Systems Engineering, Automatic Control and Industrial Informatics (ESAII)

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Research Groups (https://futur.upc.edu/)

Mathematics

- MD: Discrete Mathematics
- DCCG: Computational Geometry and Combinatorial Geometry
- TN: Numbers Theory
- GRTJ: Game Theory
- GRAA: Applied Analysis
- GREC: Knowledge Engineering (with ESAII)
- MMAC: Mathematical Models Applied to Social and Natural Sciences

Business Administration

- EOLI: Industrial Engineering and Logistics
- GREDIC: Innovation and Knowledge Economy
- LEAN MRG: Lean Management
- CERpIE: Research & Development Centre for Enterprises' Improvement and Innovation

Services and Information System Engineering

- inSSIDE: integrated Software, Services, Information and Data Engineering
- MPI: Modelling and Processing Information
- DTIM: Database Technologies and Information Management

Systems Engineering, Automatic Control and Industrial Informatics

- ACES: Advanced Control of Energy Systems
- ACP: Automation and Process Control
- GREC: Knowledge Engineering (with MAII)
- GRINS: Intelligent Robotics and Systems
- NOLIN: Nonlinear Physics and Unbalanced Systems
- SAC: Advanced Control Systems
- SISBIO: Biomedical Signals and Systems
- VIS: Artificial Vision and Intelligent Systems

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Research Groups (https://futur.upc.edu/)

Computer Architecture

- ANA: Advanced Network Architectures
- ARCO: Architectures and Compilers
- CAP: High Performance Computing
- CBA: Broadband Communications Systems
- CNDS: Computer Networks and Distributed Systems
- DAMA: Data Management
- DMAG: Distributed Multimedia Applications

Physics and Nuclear Engineering

- CS-SIMBIO: Complex Systems - Computer Simulation of Materials and Biological System
- DILAB: Dielectric Material Physics Laboratory
- DONLL: Nonlinear Dynamics, Nonlinear Optics and Lasers
- GAA: Astronomy & Astrophysics
- GCM: Characterization of Materials
- GIEP: Innovative Education in Physics
- GREENER: Studies in Energy and Radiation
- NERG: Nuclear Engineering
- SIMCON: Computer Simulation in Condensed Matter
- GRPFM: Physical Properties of the Materials

Computer Science

- ALBCOM: Algorithms, Biocomputing, Complexity and Formal Methods
- GIE: Engineering Computing
- GRPLN: Natural Language Processing
- KEMLG: Knowledge Engineering and Machine Learning (with EIO)
- LARCA: Relational Algorithms, Complexity and Learning
- LOGPROG: Logic and Programming
- MOVING: Modelling, Visualization, Interaction and Virtual Reality
- SOCO: Soft Computing
- STH: Sustainability, Technology and Humanities

Statistics and Operational Research

- LAIRE: Laboratory of Aeronautical and Industrial Research and Studies
- GRESA: Applied Statistics
- LIAM: Laboratory of Information Analysis and Modelling
- KEMLG: Knowledge Engineering and Machine Learning (with LSI)
- GRASS: Survival Analysis Statistics
- GREMA: Mathematical Statistics and its Applications
- GNOM: Numerical Optimization and Modelling
- PROMALS: Mathematical Programming, Logistics and Simulation

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Services

- Equal opportunities: https://igualtat.upc.edu/
  - Bullying
  - Gender equality
  - Transgender community
- Inclusion: https://inclusio.upc.edu/
  - Learning needs
  - Teaching support
  - Psychologic orientation
- Solidarity and cooperation: https://ccd.upc.edu/
- Learning languages: https://www.upc.edu/slt/en/reception/languages-upc
- Cultural reception: https://www.upc.edu/slt/en/reception
- Libraries
- Sports Club
- UPCArts

https://www.upc.edu/en/university-life-and-services

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Social Life

- FIB promotes social activities: https://www.fib.upc.edu/en/fib/university-life

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FAQs

- If I'm finishing my undergraduate studies this year, can I apply to a master?

Of course! You can be admitted. You only need to finish on time your registration in September. Indeed, if you finalize your bachelor thesis in October you can yet be admitted in our masters. Contact us for more details.

- Can I work and study at the same time?

Of course! there are several opportunities to do extracurricular practices in companies that, in turn, may help you to obtain elective ECTS for some of our masters.

- For new incoming students… what about enrolment?

Registration is online. If you require to hand in some documentation you can do it later, before the lectures start

Do you have further questions?
Do not hesitate to contact us at
fib.info.masters@upc.edu