



UNIVERSITAT POLITÈCNICA  
DE CATALUNYA  
BARCELONATECH

**UPC**  
**Universitat**  
**Polítècnica de Catalunya**  
**BarcelonaTech**

Academic year 2025-2026

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UNIVERSITAT POLITÈCNICA  
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# We are **UPC**

The **Universitat Politècnica de Catalunya · BarcelonaTech**  
is a public institution of **Higher Education and Research**, specialised in the  
areas of **Architecture, Engineering, Science and Technology**

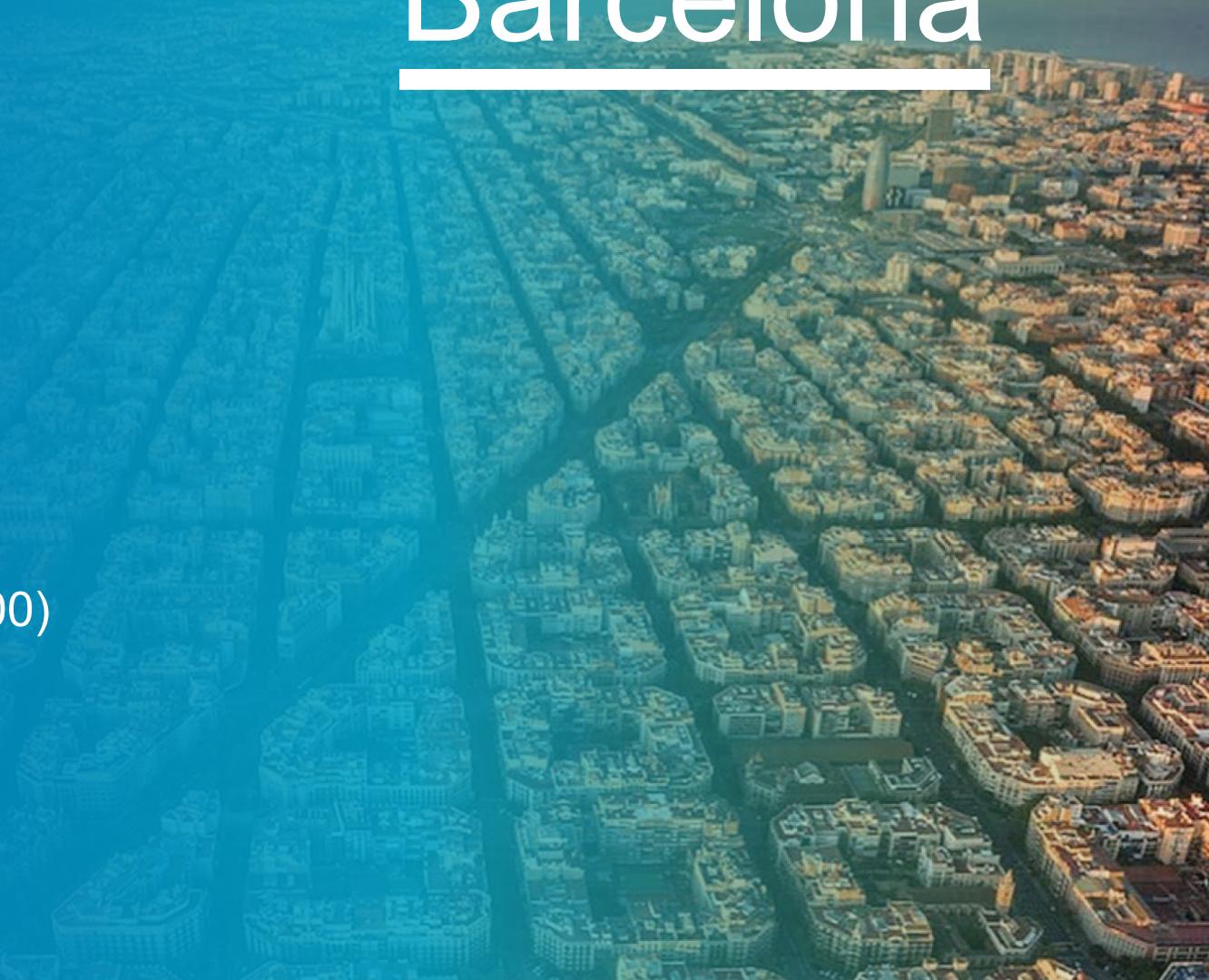
# We are a leading technological university at the south of Europe

- 
- A map of Catalonia, Spain, showing its provincial borders. Overlaid on the map are seven white circular dots representing university locations. A diagonal beam of light originates from the top left and points towards the right side of the map, highlighting the coastal area.
- Manresa
  - Terrassa
  - Sant Cugat
  - Castelldefels
  - Vilanova i la Geltrú
  - Sant Adrià del Besos
  - Barcelona**



A hub for Education, Research, Innovation and Internationalisation.

# Barcelona



- ... The Southern gateway to Europe
- ... Mediterranean Capital
- ... Bridge to the Maghreb
- ... Platform for links to Latin America

<b>1 686 208</b>	Inhabitants
<b>3 398 219</b>	Inh. Metropolitan Area
<b>107.2</b>	GDP per capita (Index EU27=100)
<b>69 710 000</b>	kTn harbour total transit (2024)
<b>55 034 955</b>	Airport passengers (2024)
<b>611 342</b>	Companies (BCN region)
<b>5 532</b>	Foreign companies (Catalonia)





EEABB



EEBE



EETAC



EPSEB



EPSEM



EPSEVG



ESEIAAT



ETSETB



ETSAV



ETSECCPB



ETSEIB



ETSETB



FIR



FME



FNR



FOOT



CFIS



CITM

**18**  
Schools

**30**  
Departments

**141**  
Research groups



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# Fields

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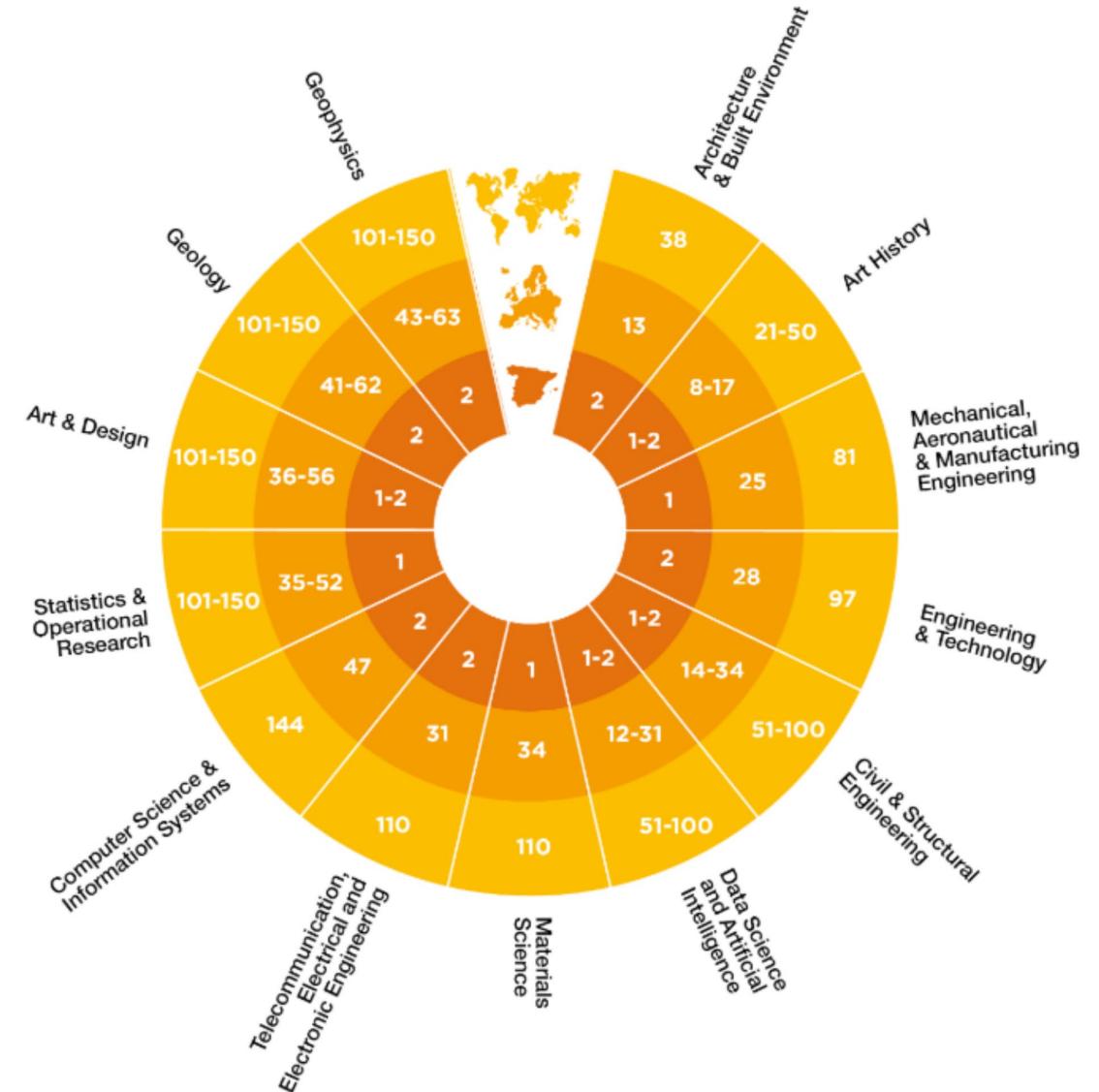
- Architecture and Urban Planning.
- Aerospace Engineering
- Agricultural and Biosystems Engineering
- Civil, Environmental and Geological Engineering
- Computer Science
- Engineering for Industry: Energy, Biomedical, Chemical, Electrical, Materials and Mechanical, Naval, Maritime and Nautical Engineering, Telecommunications and Electronic Systems Engineering
- Applied Sciences: Mathematics, Statistics, Physics, Optics and Photonics



# Reputation



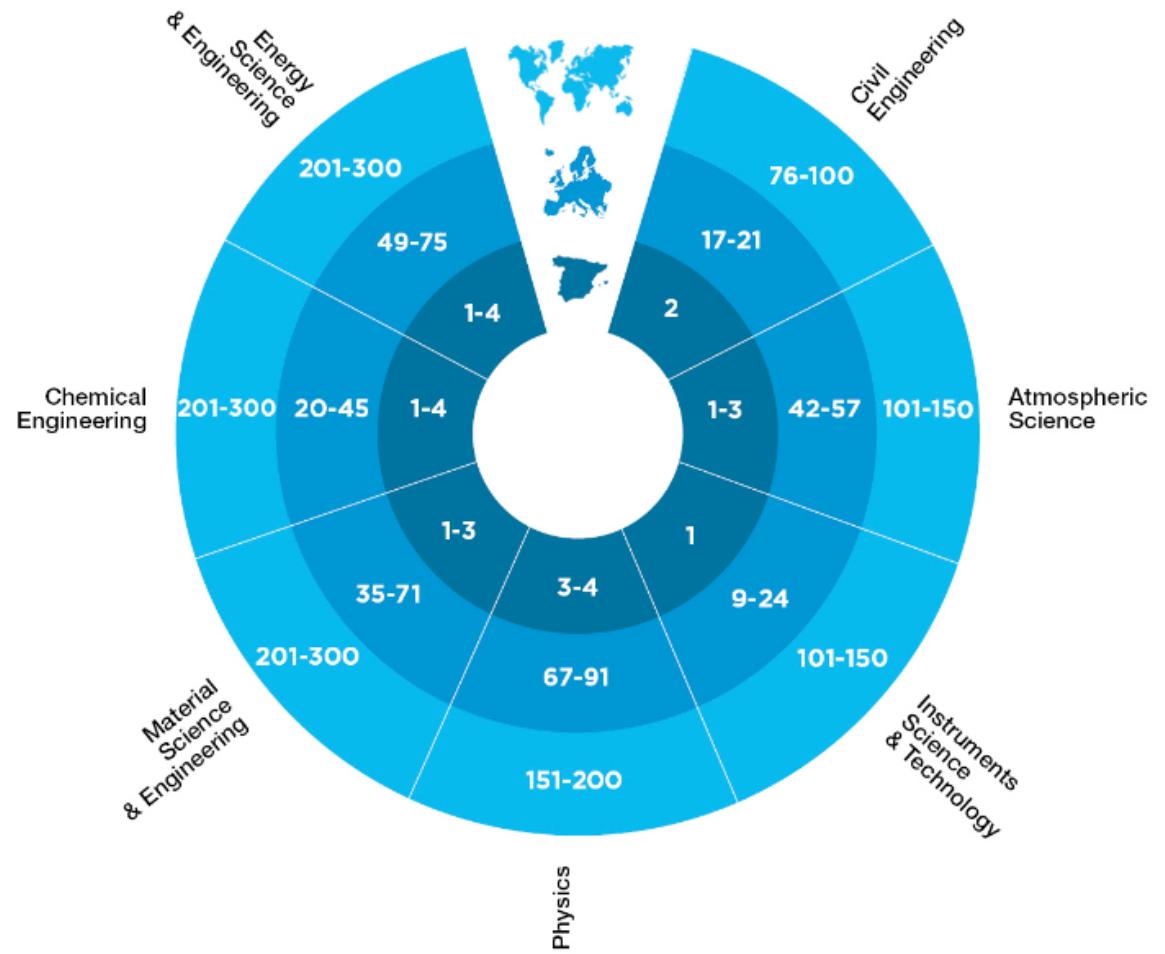
QS World University  
Rankings by Subject, 2025

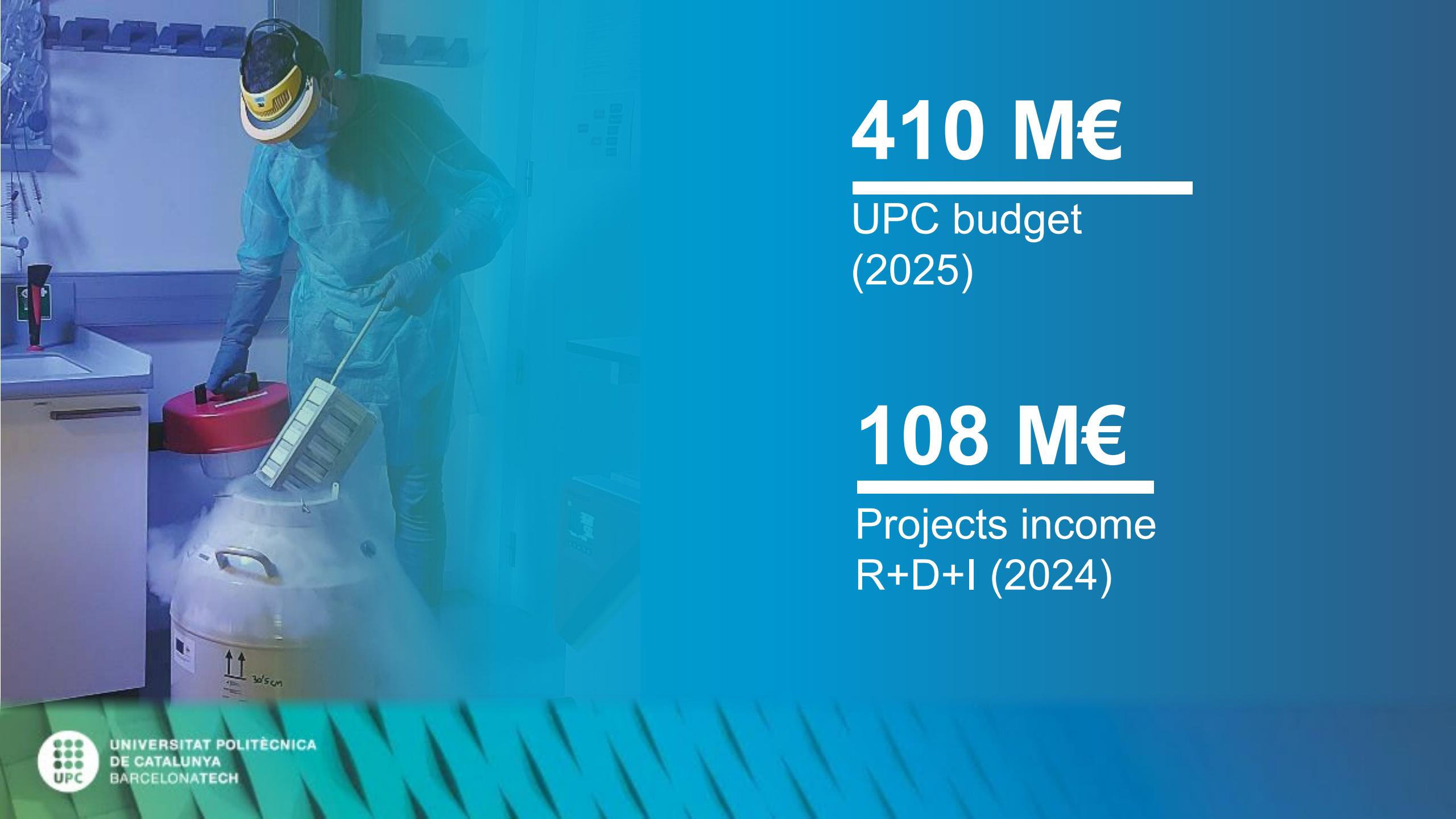


# Reputation



**Shanghai Global Ranking**  
of Academic Subjects, 2025





**410 M€**

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UPC budget  
(2025)

**108 M€**

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Projects income  
R+D+I (2024)



A university  
committed to  
its environment  
and society





**50** development cooperation  
projects in 25 countries



Centre de Cooperació  
per al Desenvolupament



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# A university aligned with the Sustainable Development Goals (SDG)

UPC, world's 'top 60' in the Climate Action SDG 13, according to the 2024 edition of the Times Higher Education Impact Rankings.



The collage consists of eight panels, each representing a different SDG:

- Sustainable cities. The TO house** (SDG 11): Five ETSAV students lived in a sustainable house for five months to study its viability as a real habitat and analyse the pros and cons of living in low environmental impact housing that they themselves have devised.
- Autonomous vehicles for a healthier city** (SDG 9): The Autonomous Delivery Device (ADD) automates last-minute logistics and helps improve traffic and air quality. It was developed by CARNET, the Institute of Robotics and Industrial Informatics (IRI) and the University's industrial partners.
- Energy possibilities of green hydrogen** (SDG 7): The Specific Centre for Hydrogen Research of the UPC (CER-H2) works to make this green energy a sustainable solution for the energy transition.
- Climate action. Saving the Amazon** (SDG 13): On the Vilanova i la Geltrú Campus, the Laboratory of Applied Bioacoustics (LAB) and scientists from Brazil and Austria are working to install the first sensors for real-time monitoring of biodiversity in the Amazon. The aim is to combat the extinction of species in the rainforest.
- For responsible consumption** (SDG 12): The UPC-Mercabarna Chair works from the EEABB to prevent and reduce food waste in retail and wholesale food distribution.
- The fight against COVID** (SDG 3): Faced with the COVID-19 health emergency, several research groups and centres, such as BIOCOM-SC, are working on scientific projects to combat the spread of the virus.
- For real equality of opportunity** (SDG 10): Aquí STEAM UPC brings women's talent closer to technology and engineering studies, breaks stereotypes and gender roles and makes new female models visible. UPC researchers are presented to girls and boys as role models.
- Committed to a better world** (SDG 1): From the Centre for Development Cooperation (CCD), the community contributes to the global and local fight against poverty and trains future professionals to actively engage in building a fairer, more sustainable world.



# UPC Community



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**31 433**  
undergraduate and  
master students

**2 272**  
PhD students

**34.7 %**  
of women in the new  
intake of students



A photograph showing a man and a woman in white lab coats working in a laboratory or workshop setting. They are focused on a large, cylindrical metal component with multiple circular ports, which appears to be a filter or a reactor. The man is leaning in closer to the device, while the woman looks on. The background shows various pieces of equipment and piping.

**3 703**

teaching  
and research staff

**2 279**

technical,  
management and  
administration staff





# Training the professionals of the future



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**67**

bachelor's  
degrees

**101**

master's  
degrees

**46**

PhD programmes



**2 568**

Continuing education  
students



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A photograph showing five students in white lab coats working in a laboratory. In the foreground, two students are focused on a task on a workbench. Behind them, three other students are also engaged in their work. The workbench is cluttered with various laboratory equipment, including a multimeter, a calculator, and several containers labeled with chemical formulas like H<sub>2</sub>SO<sub>4</sub>(aq) + Pb(s).

**88%**

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of graduates work  
in less than 6  
months



**Internationalisation,  
a dimension that  
permeates all  
activities**



# UPC abroad

- Education: mobility, double degrees, strategic alliances
- Research and innovation projects
- Development Cooperation



# Working in networks

The UPC in international networks

**CASA**  
(Consortium for Advanced Studies Abroad)

**TELESCOPI**  
(Red de Observatorios de Buenas Prácticas de Dirección y Gestión Universitaria en Latinoamérica y Europa)

**RedEmprendia**  
(Red de universidades iberoamericanas emprendedoras)

**CINDA**  
(Centro Interuniversitario de Desarrollo)

**MAGALHAES**  
(Red de universidades europeas y latinoamericanas)

**Cluster**  
(Consortium Linking Universities of Science and Technology for Education and Research)

**EUA**  
(European University Association)

**TIME**  
(Top Industrial Managers for Europe)

**UNITE!**  
(University Network for Innovation, Technology and Engineering)

**SINO-SPANISH CAMPUS**  
A campus at Tongji University (China) composed of the UPC, the Universidad Politécnica de Madrid, the Tecnológico de Monterrey and the Universidad de Sevilla.

**UNITECH**  
(Network of technological universities and European companies)

**GUNI**  
(Global University Network for innovation)

**CESAER**  
(Conference of European Schools for Advanced Engineering Education and Research)



European Institute of  
Innovation & Technology

The EIT is a body of the European Union



Knowledge and Innovation Community (KIC) supported by the  
European Institute of Innovation and Technology (EIT)



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A photograph of five young adults (three females and two males) smiling and posing together outdoors. They are dressed casually, with one female in a striped shirt, another in a dark hoodie, and a male in a patterned sweater. The background shows a modern building and some greenery.

**1 555**

Student exchange agreements  
with

**695**

Higher Education Institutions  
from 57 different countries

**80**

International Double Degree  
programmes with 47  
universities





3 176

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students in international  
exchange programmes

28.1%

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of master's students are  
international, 73.7% of them  
are from outside the EU

53.3%

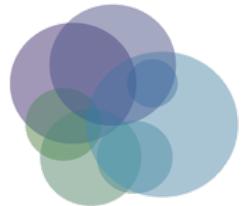
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of PhD students are  
international, 80.4% of them  
are from outside the EU



**Unite!,  
the creation of the  
future European  
university**

# unite!



University Network for Innovation,  
Technology and Engineering

- A model of European University of innovation, technology and engineering.
- A strategic alliance of universities.
- An inclusive community linked to the territory and its stakeholders.



280,000

students at Unite! universities (2021)



77,300  
graduates of Unite! universities per year (2020)



31,000  
journal and conference papers per year (Web of Science, 2020)



223  
ERC grants at Unite! universities (2007-2021)



2,630  
PhD graduates of Unite! universities per year (2020)



799  
Startups founded in the last 5 years



U LISBOA | UNIVERSIDADE DE LISBOA



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Worcester University of Science and Technology



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# Research to innovate



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A photograph of a woman with dark hair tied back, wearing a white lab coat over a dark top. She is looking down at a computer monitor which displays a microscopic image of several tissue samples. The monitor is part of a larger laboratory setup. The background is slightly blurred, showing other equipment and a blue-tinted light.

**1 935**

Ongoing research projects

**2 579**

papers in scientific journals





The UPC, first  
State University  
in projects  
funded through the  
Horizon Europe  
programme



# Offering answers to companies

R+D+i  
Innovation hubs  
Talent (internships in companies)  
UPC innovation ecosystem  
Industrial Doctorates

## THE UPC, A UNICORN INCUBATOR

With nine entrepreneurs and six start-ups valued at over one billion euros or that may be so valued in the next two years, the UPC is one of the top universities at which founders of unicorn companies have trained.

## GENERATING 0.3% OF CATALAN GDP

The UPC contributed to generating 0.3% of Catalonia's GDP in 2019. For every 100 euros of public funding it received, the UPC returned 601.5 euros to society.

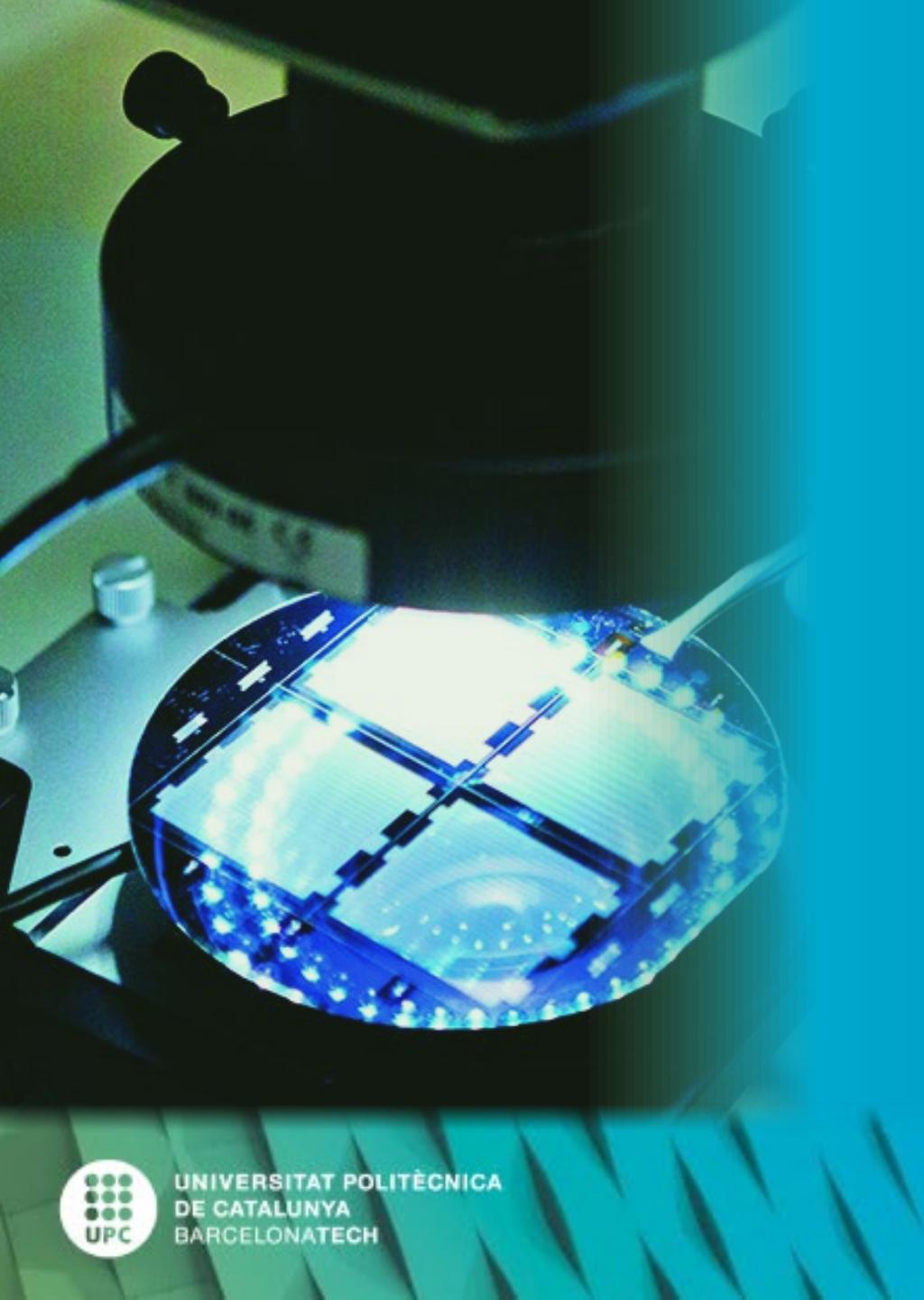
In terms of contribution to the labour market that year, the University directly or indirectly contributed to creating or maintaining 10,371 full-time equivalent jobs.

(Source: Impacte econòmic i retorn social de la UPC. Any 2019)



**3 131**  
companies  
and entities  
with collaboration  
agreements





**432**

patents and licences in the last 10 years

**23**

New patents (2024)

**33**

Technology-based companies



A photograph showing two researchers in white lab coats working in a laboratory. One researcher is in the foreground, focused on a sample under a binocular microscope. Another researcher is visible in the background, also working at a microscope. There are several small framed photographs or slides on the lab bench, along with a notebook and a pair of binoculars.

149

industrial doctorate  
thesis

28.7% of industrial  
doctorates in Catalonia  
since 2007 have been  
developed at the UPC



# UPC

Universitat

Politécnica de Catalunya

BarcelonaTech

UPC,  
the university of  
Engineering,  
Architecture,  
Sciences and  
Technology