

AERONAUTICAL AND AEROSPACE ENGINEERING

AGRICULTURE AND BIOSYSTEMS ENGINEERING

APPLIED SCIENCES:
MATHEMATICS, STATISTICS,
PHYSICS, OPTICS
AND PHOTONICS

ARCHITECTURE, URBAN PLANNING AND BUILDING CONSTRUCTION

CIVIL, ENVIRONMENTAL AND GEOLOGICAL ENGINEERING

INFORMATICS ENGINEERING

ENGINEERING FOR INDUSTRY: ENERGY, BIOMEDICAL, CHEMICAL, ELECTRICAL, MECHANICAL AND MATERIALS ENGINEERING

NAVAL, MARINE AND NAUTICAL ENGINEERING

TELECOMMUNICATIONS
AND ELECTRONIC SYSTEMS

TEACHING

At the UPC students are trained to become professionals in engineering, architecture, sciences and technology who have the knowledge, abilities and skills to take on new challenges in keeping with technological efficiency and sustainability criteria. The UPC teaches bachelor's, master's and doctoral degrees and continuing education courses that are complemented by international mobility and double degree programmes. Students' participation and leadership in research projects and work placements foster their relations with the world of work and bolster their autonomy and initiative. The University is therefore a space for knowledge that stimulates learning and personal growth with a dynamic, motivating teaching model.

34

INTERNATIONAL
DOUBLE-DEGREE PROGRAMMES
WITH 26 UNIVERSITIES

5,283

STUDENTS ON INTERNSHIP

1,640

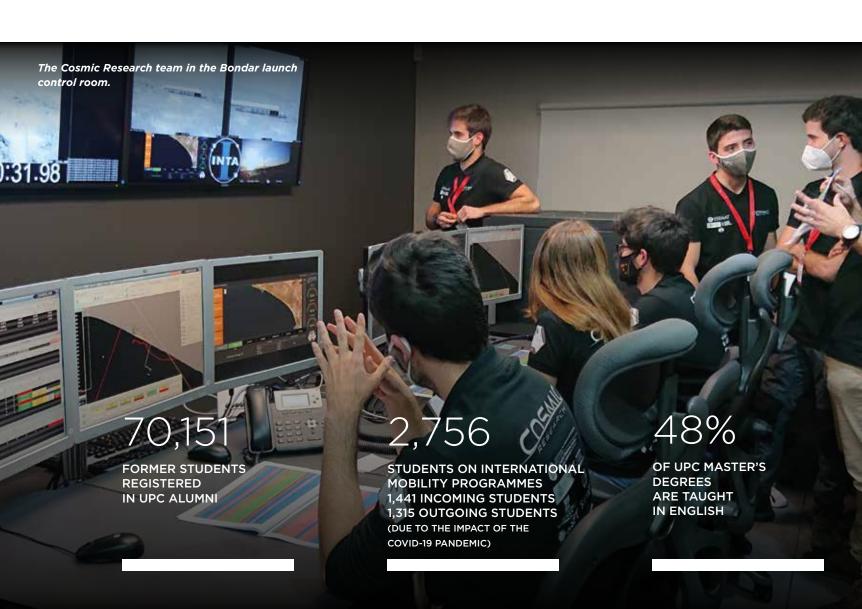
STUDENT EXCHANGE AGREEMENTS WITH 767 HIGHER EDUCATION INSTITUTIONS OF 61 COUNTRIES

468

NEW DOCTORAL DEGREE STUDENTS

5,859

GRADUATES OF BACHELOR'S AND MASTER'S DEGREES





KNOWLEDGE TRANSFER

The UPC generates knowledge and transfers it to industry with the aim of increasing businesses' capacity for innovation and competitiveness. One of its most significant lines of work is forging alliances, which are often international in nature, with large companies, institutions and corporations. It also attends to the needs of small and medium-sized businesses that wish to innovate, for which cooperating with the UPC has a multiplying effect. This activity takes shape in numerous agreements and research projects, the creation of technology-based companies, the generation and exploitation of patents and the scientific and technical services and facilities that Parc UPC makes available in order to generate progress and create jobs.

38

PARTIALLY OWNED TECHNOLOGY-BASED COMPANIES

859

RESEARCH AGREEMENTS AND PROJECTS SIGNED IN THE LAST YEAR 2,998

COMPANIES AND ENTITIES WITH COLLABORATION AGREEMENTS

72,7 MEUR

INCOME FROM R&D PROJECTS (2021)

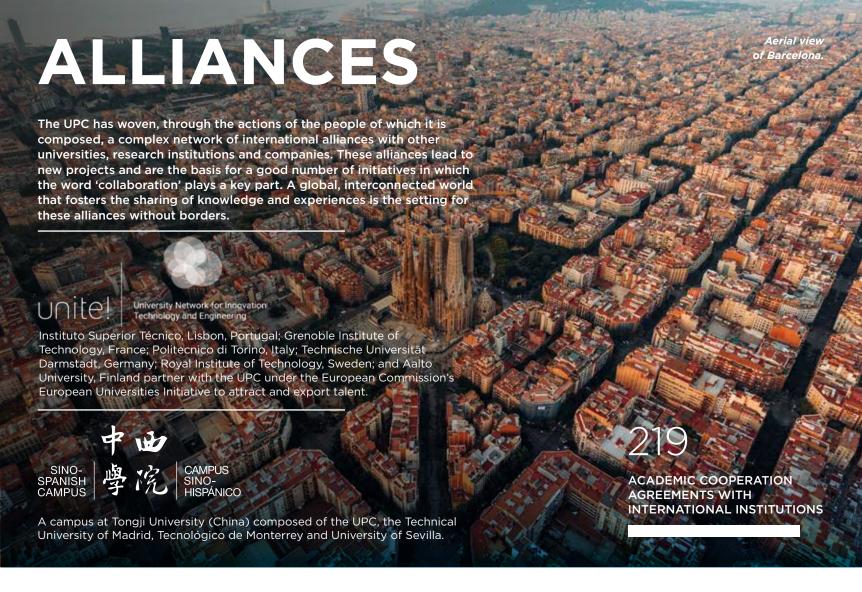
19

PATENTS REGISTERED IN THE LAST YEAR

1,854

ON-GOING RESEARCH PROJECTS





INTERNATIONAL NETWORKS



The EIT is a body of the European Union



The UPC is an active member in diverse Knowledge and Innovation Communities (KICs) founded by the European Institute of Technology. The KICs provide a framework where diverse stakeholders work in collaboration to generate innovative responses to diverse social challenges. Specifically, the UPC is a founding member of KIC Innoenergy, devoted to renewable energy and energy transition, and KIC Urban mobility, devoted to urban mobility and transition to zero carbon emissions. UPC is also an associate member of KIC Raw materials and KIC Health.

AUIF

Asociación Universitaria Iberoamericana de Postgrado

CASA

Consortium for Advanced Studies Abroad

CESAER

Conference of European Schools for Advanced Engineering Education and Research

CINDA

Centro Interuniversitario de Desarrollo

CLUSTER

Consortium Linking Universities of Science and Technology for Education and Research

EUA

European University Association

GUNI

Global University Network for Innovation

Heritage

Magalhães

RedEmprendia

RMEI

Réseau Méditerranéen des Écoles d'Ingénieurs

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T.I.M.E.

Top Industrial Managers for Europe

UNITECH International

Universia

POSITION OF THE UPC IN THE MAIN INTERNATIONAL **RANKINGS**

Shanghai Global Ranking of Academic Subjects, 2022

	Instruments Science & Technology	Atmospheric Science	Mathematics	Civil Engineering	Water Resources	Transportation Science & Technology	Electrical & Electronic Engineering	Telecommunication Engineering	Metallurgical Engineering	Nanoscience & Nanotechnology	Automation & Control
World	51-75	76-100	76-100	76-100	101-150	101-150	101-150	151-200	151-200	151-200	151-200
Europe	5-8	28-42	31-46	17-20	32-48	19-34	27-47	39-52	44-56	24-37	38-49
Spain	3	1	1-2	2	1	1-2	2-3	1-2	2	2-3	3

QS World University Rankings by Subject, 2022

	Architecture & Built Environment	Civil & Structural Engineering	Mineral & Mining Engineering	Telecommunication Electrical and Electronic Engineering	Engineering & Technology	Mechanical, Aeronautical & Manufacturing Engineering	Computer Science & Information Systems	Mathematics	Art & Design	Statistics & Operational Research	Environmental Sciences	Materials Science
World	19	29	49	52	60	78	86	113	101-150	101-150	101-150	101-150
Europe	8	8	11	19	23	29	29	42	44-63	36-58	35-57	26-45
Spain	1	1	2	1	2	2	1	2	1-3	1-2	2-3	1