The UPC Campus, a space that generates knowledge.

KNOWLEDGE AREAS

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
THE UPC IN FIGURES

30,155 students
- 22,789 bachelor’s degree students
- 5,177 master’s degree students
- 2,189 doctoral degree students

3,093 teaching and research staff

20 schools on 8 campuses

3,080 lifelong learning students

1,967 administrative and service staff

45% international doctoral degree students (35% of them non EU)

32% international master’s degree students

64 bachelor’s degrees 2019-2020

68 master’s degrees 2019-2020 (26 taught in English)

46 doctoral programmes 2019-2020
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.

<table>
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<tr>
<th>Statistic</th>
<th>Details</th>
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<tr>
<td>49</td>
<td>international double-degree agreements with 30 universities</td>
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<tr>
<td>6,659</td>
<td>graduates of bachelor’s and master’s degrees</td>
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<td>708</td>
<td>higher education institutions with student exchange agreements</td>
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<td>499</td>
<td>new doctoral degree students</td>
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<td>38%</td>
<td>of UPC master’s degrees are taught in English</td>
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<td>58,200</td>
<td>former students registered in UPC Alumni</td>
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<td>2,997</td>
<td>students on international mobility programmes</td>
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<tr>
<td></td>
<td>1,490 incoming students</td>
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<td>1,507 outgoing students</td>
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Its leadership in research and innovation projects, the talent and rigour of its researchers and its network of cutting-edge facilities and equipment are the basis of the UPC’s impressive positions in the main international scientific output rankings. Over the last few years, the University has consolidated its role as a key agent in the progress of an economy that is increasingly based on knowledge and innovation and on collaboration and alliances with other research centers and researchers the world over.

- **1,923** papers published in indexed journals
- **292** doctoral theses defended
- **130** scientific and technical awards received
- **20** focused research centers
- **10** research centers that are members of the TECNIO network
- **4** research institutes
- **207** research groups
- **15** associated research centers

Intelligent robotics to improve people’s quality of life. (Photo: Tibi and Dabo, humanoid robots developed by the Institute of Robotics in Barcelona) www.iri.upc.edu
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.
ALLIANCES

The UPC has woven, through the actions of the people of which it is composed, a complex network of international alliances with other universities, research institutions and companies. These alliances lead to new projects and are the basis for a good number of initiatives in which the word ‘collaboration’ plays a key part. A global, interconnected world that fosters the sharing of knowledge and experiences is the setting for these alliances without borders.

SINO-SPANISH CAMPUS
A university campus set up by the UPC and the Technical University of Madrid at Tongji University (China).

INTERNATIONAL NETWORKS

**AUPE**
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

**Magalhães**

**RedEmprendia**

**RMEI**
Réseau Méditerranéen des Écoles d’Ingénieurs

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**T.I.M.E.**
Top Industrial Managers for Europe

**UNITECH**

**Universia**
Shanghai Global Ranking of Academic Subjects, 2018

RANKINGS

QS World University Rankings by Subject, 2018