



120 anys

Terrassa Cor polítècnic



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
BARCELONATECH

Escola Superior d'Enginyeries Industrial,  
Aeroespacial i Audiovisual de Terrassa

# School of Industrial, Aerospace and Audiovisual Engineering in Terrassa **ESEIAAT-UPC**



# UPC Location



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
BARCELONATECH

Escola Superior d'Enginyeries Industrial,  
Aeroespacial i Audiovisual de Terrassa



# UPC Figures



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
BARCELONATECH

Escola Superior d'Enginyeries Industrial,  
Aeroespacial i Audiovisual de Terrassa

The UPC today

[More figures](#)

31,327

bachelor's and  
master's degree  
students

3,677

teaching and  
research staff

2,143

administrative  
and service  
staff

67

bachelor's  
degrees

96

master's  
degrees

46

doctoral  
programmes

18

schools

141

lifelong learning  
programmes

10

patents last  
year

410

million euros  
2025 budget

121,6

million euros  
R&D income

91,278

alumni

The UPC in the rankings

[More rankings](#)

## PRODUCTIVE

The UPC, **amongst the leading universities in Spain** with its **Research and Innovation performance**, according to the U-Ranking 2024



<https://www.upc.edu/en>

# UPC in Rankings

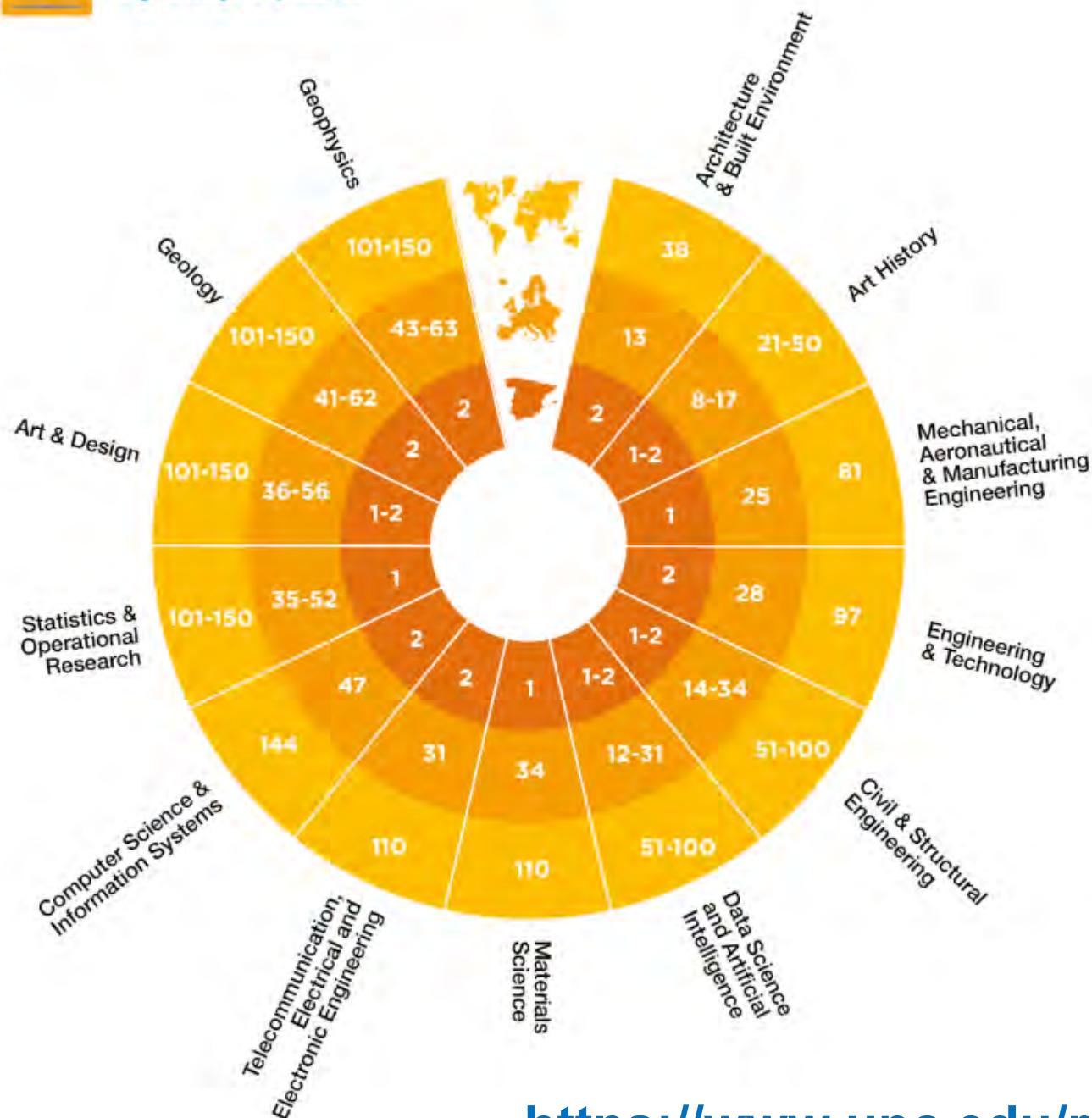


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QS World University Rankings  
by Subject, 2025



<https://www.upc.edu/rankings/en>





120 anys

Terrassa Cor polítènic



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One of the largest  
Engineering  
Schools in Spain  
with more than  
**120 years**  
experience

10 Bachelor programs  
10 Master programs  
PhD programs

4200 students  
1000 graduates/year  
500 lecturers

International  
Agreements **> 300**  
**12 DD** programs



# ESEIAAT Campus Map



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
BARCELONATECH

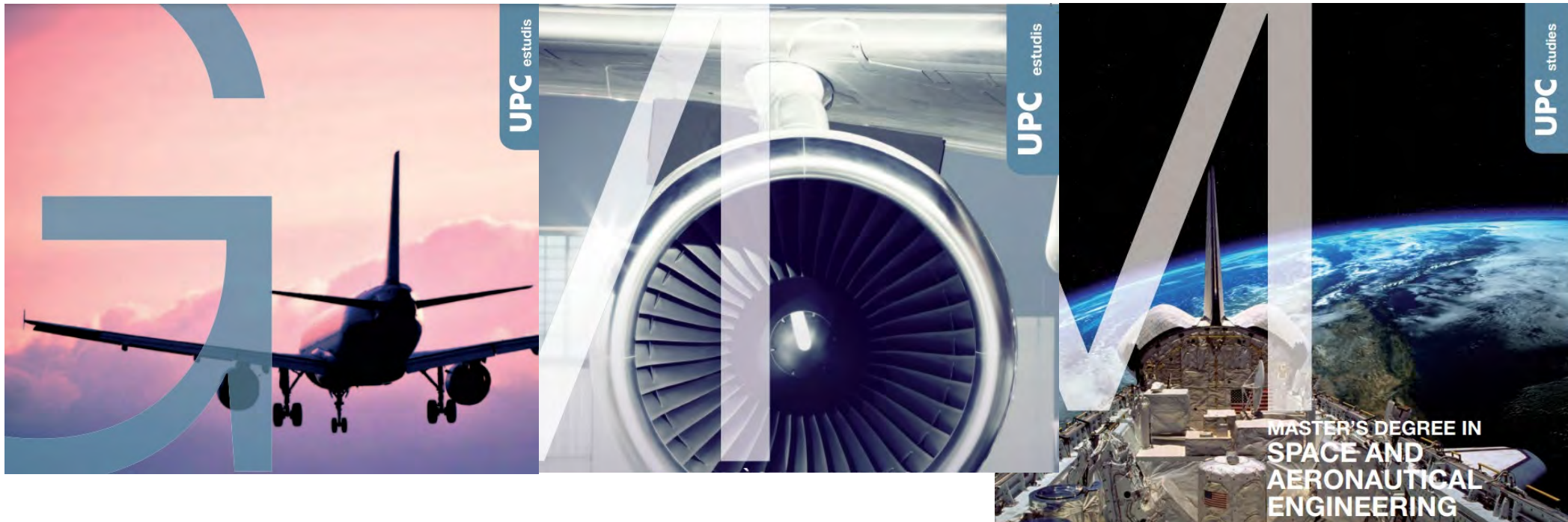
Escola Superior d'Enginyeries Industrial,  
Aeroespacial i Audiovisual de Terrassa



Terrassa Urban Campus



## Aerospace Engineering



**Bachelor's degree in Aerospace Technology Engineering**

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**Bachelor's degree in Aerospace Vehicle Engineering**

**Master's degree in Aerospace Engineering**

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**Master's degree in Space and Aeronautical Engineering**

**English**

## Industrial Engineering



**Bachelor's degree in Industrial Design and Product Development**

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**Bachelor's degree in Industrial Technology Engineering**

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**Bachelor's degree in Electrical Engineering \***

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**Bachelor's degree in Industrial Electronics and Automatic Control Engineering \***

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**Bachelor's degree in Mechanical Engineering \***

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**Bachelor's degree in Chemical Engineering \***

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**Bachelor's degree in Textile Technology and Design\***





## Industrial Engineering



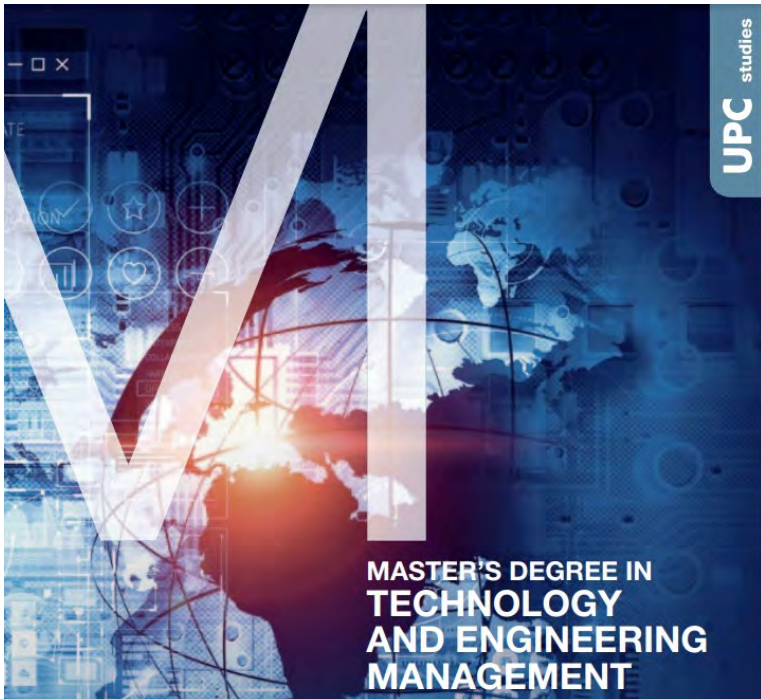
Master's degree in Industrial Engineering

Master's degree in Textile Design and Technology

English

Master's degree in Paper and Graphics Technology

Master's degree in Automatic Systems and Industrial  
Electronics Engineering



Master's degree in Management Engineering

Master's degree in Technology and Engineering Management

English

Master's degree in Research in Mechanical Engineering

English

Master's degree in Advanced Studies in Design-Barcelona  
(MBDesign)



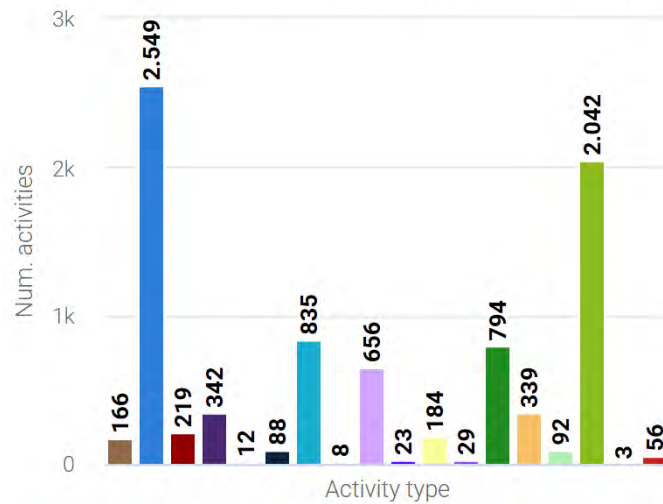
## Telecommunications Engineering



**Bachelor's degree in Audiovisual Systems**

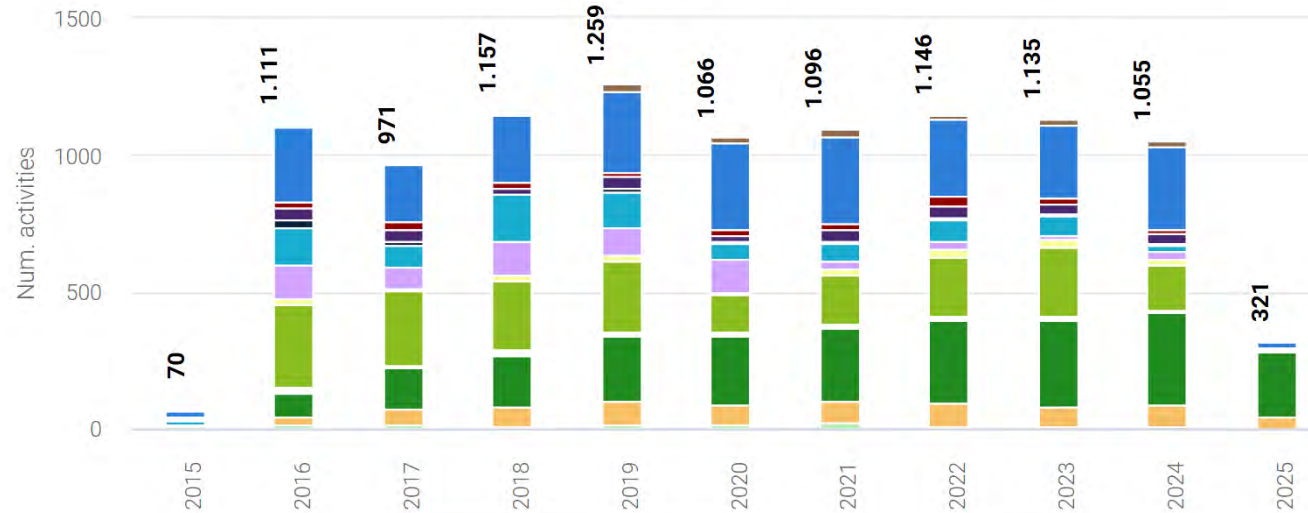


Production by type



- Article in non-indexed journal
- Article in indexed journal
- Book chapter
- Theses
- Dataset
- Book
- Report
- Collaboration in exhibitions
- Collaboration in journals
- Conference minutes book
- Award
- Teaching innovation project
- Competitive project
- Noncompetitive project
- Membership in the scientific committee of a congress
- Presentation of work at congresses
- Others' publications about work
- Industrial property

Production by date



- Article in non-indexed journal
- Article in indexed journal
- Book chapter
- Theses
- Book
- Report
- Collaboration in journals
- Award or recognition
- Presentation of work at congresses
- Industrial property
- Conference minutes book
- Teaching innovation project
- Competitive project
- Noncompetitive project
- Membership in the scientific committee of a congress
- Others' publications about work
- Collaboration in exhibitions
- Dataset

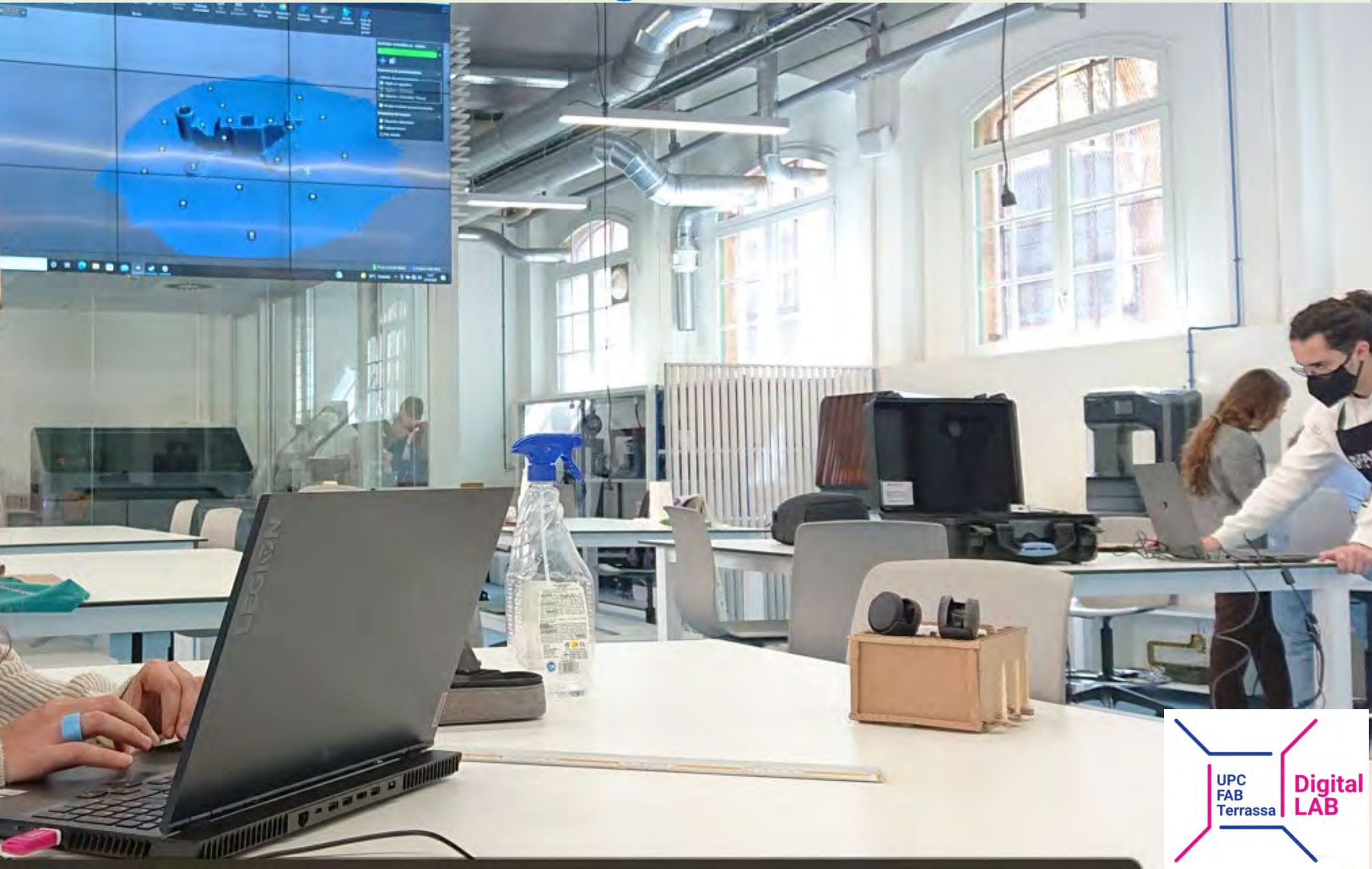


## High Voltage Test & Research Center. AMBER





## Digital Lab





## Factory Lab





## Space Lab





## Creative Lab



ESTUDIANATAT - ESEIAAT

Creative Lab  
UPC



Mobility and exchange  
programmes worldwide  
especially in Europe, Latin  
America, USA and Asia.

>300 agreements  
12 DD Programs





University Network for Innovation,  
Technology and Engineering



Aalto University, Espoo/Helsinki  
KTH Royal Institute of Technology, Stockholm

Wrocław Tech  
Technical University of Darmstadt  
Graz University of Technology  
Grenoble INP-UGA  
Politecnico di Torino  
Universitat Politècnica de Catalunya · BarcelonaTech  
Universidade de Lisboa

Bridging the gaps  
between engineering,  
science, technology  
and the grand  
challenges of society



A''

Aalto University



TECHNISCHE  
UNIVERSITÄT  
DARMSTADT



GRENOBLE  
INP  
UGA



Graz University of Technology



Politecnico  
di Torino



UNIVERSITAT POLITÈCNICA  
DE CATALUNYA  
BARCELONATECH



LISBOA

UNIVERSIDADE  
DE LISBOA



Wrocław University  
of Science and Technology

- Bachelor/Master **arrangement** for the academic year:

Theory: **On-site** courses (classrooms)

Labs: **On-site** face to face (lab rooms)

Assessment: **On-site** face to face exams (exam room)

- Timetable/exams information

<https://intranet.eseiaat.upc.edu/ca/horaris>

- Virtual Campus: **ATENEA**

<https://atenea.upc.edu>



- **Recommendation:** Contact with lecturers for further details



# ESEIAAT Student Projects



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UPC-EcoRacing

MotoSpirit





# ESEIAAT Student Projects



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
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**Cosmic Research**





# ESEIAAT Student Projects



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**Trencalos**



# ESEIAAT Student Projects



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Space Program







Solar Campus

90% of students find  
employment within 3  
months after the degree

1000+ students  
doing internships

- ✓ On Campus company forums and networking
- ✓ Company visits
- ✓ Careers services
- ✓ Company awards to academic excellence





# ESEIAAT UPC Company Forum



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
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Escola Superior d'Enginyeries Industrial,  
Aeroespacial i Audiovisual de Terrassa

## XIX FÒRUM D'EMPRESSES ESEIAAT

21 de maig  
2025



#Forumeseiaat



# ESEIAAT UPC Experience



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
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# ESEIAAT UPC Experience



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## Reading Group



## Chorale UPC Terrassa



## Theater UPC Terrassa





**Colla Casteller "Bergants"**



# ESEIAAT UPC Campus



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
BARCELONATECH

Escola Superior d'Enginyeries Industrial,  
Aeroespacial i Audiovisual de Terrassa

## All the services you need

Sports activities, inside and  
outside campus  
2 students rooms  
Campus Library  
Team working rooms  
Restaurants, student's cantine



What can you do in your free  
time?



# ESEIAAT UPC Public Transport Network



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
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<https://rodalies.gencat.cat/en/inici/index.html>



<https://www.fgc.cat/en/>

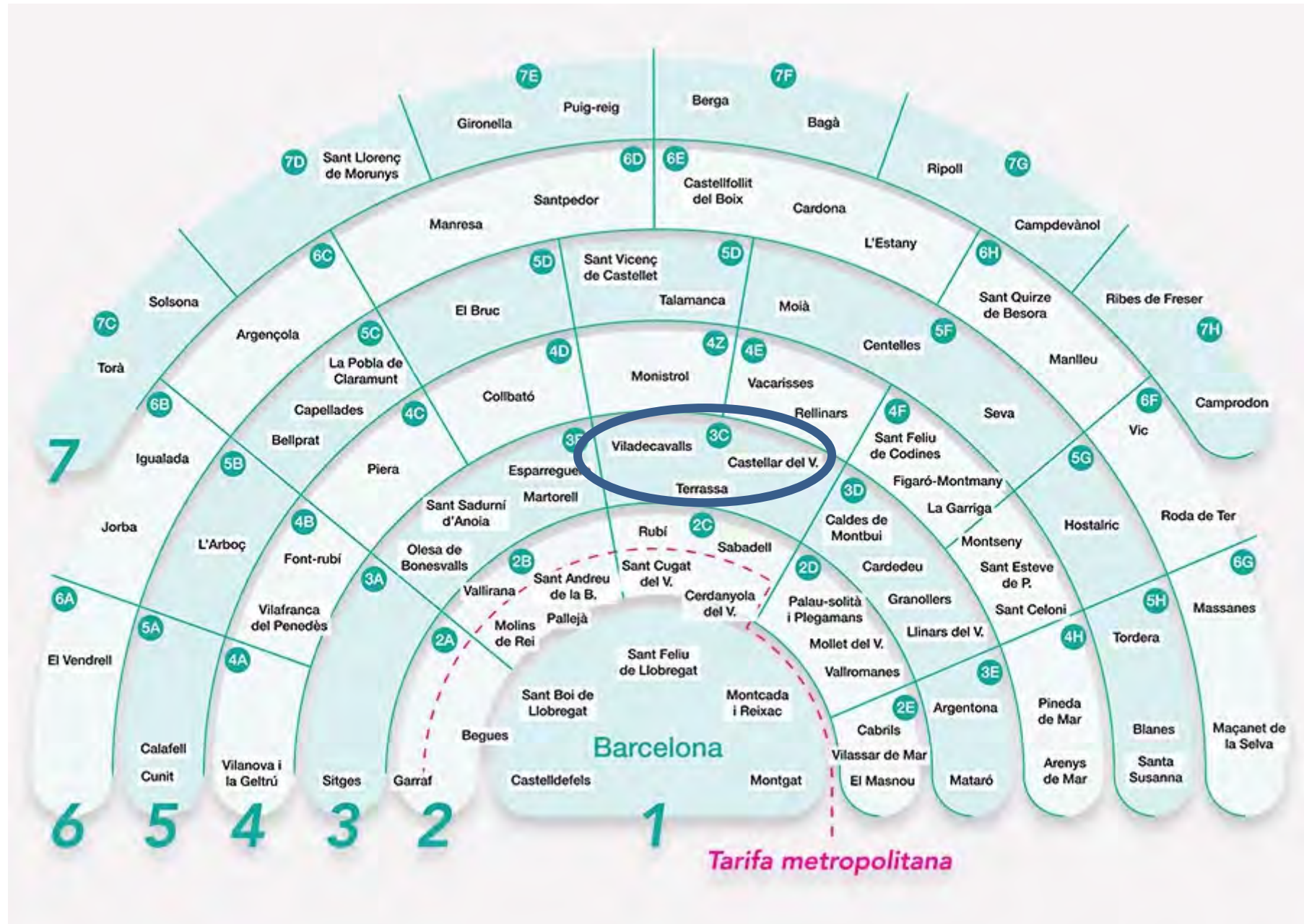


# ESEIAAT UPC Public Transport Network



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
BARCELONATECH

Escola Superior d'Enginyeries Industrial,  
Aeroespacial i Audiovisual de Terrassa





## Single and integrated tickets



### T-usual card

A holder-specific travel card allowing unlimited journeys to be made for one month on all operators in the Integrated Fare System. **Only T-mobilitat.**



### T-casual card

Individual travel card allowing 10 journeys to be made on all operators in the Integrated Fare System. **Only T-mobilitat.**

<https://www.tmb.cat/en/barcelona-fares-metro-bus>





# Architecture



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# Terrassa



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# Terrassa Historical Heritage



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Aeroespacial i Audiovisual de Terrassa



**mNACTEC**

**Address:** Rambla d'Ègara, 270

**Telephone:** +34 93 736 89 66

**Website:** <http://www.mnactec.cat/>

M / / /  
/ N A /  
C / / /  
/ T E C

Museu Nacional  
de la Ciència i la Tècnica  
de Catalunya



# Industrial Historical Heritage



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Escola Superior d'Enginyeries Industrial,  
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# Historical Heritage



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Different climates in Catalonia...



# Locations



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Sitges, Taüll, Camprodon, Girona, Montserrat...



# Culture and Tradition



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# Gastronomy



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An aerial photograph of the UPC campus in Terrassa, showing various buildings, a central green courtyard, and surrounding urban areas. The text is overlaid on a semi-transparent dark blue band.

# Thank you!

## Contact:

[incoming.eseiaat@upc.edu](mailto:incoming.eseiaat@upc.edu)