



UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

International Relations Bureau



Erasmus+

UPC ACADEMIC OFFER

IN THE FRAMEWORK OF ERASMUS+ KA107 PROGRAMME

MOBILITY CAN BE CARRIED OUT FROM SEPTEMBER 2018 TO MAY 2019





Introduction.

This document summarizes general description of courses in each programme and the academic offer in different schools of the UPC. Additionally, you can find specific topics for students interested in the final degree project or the doctorate.

Within the document, you can find links of courses in each programme and a list of UPC schools with bachelor and master degrees to which you can apply. To get more information about each title, you can follow the link created in each item of the list.

Exchanges will take place within the framework of the Erasmus + KA107 Program, from September 2018 to May 2019.

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I. Courses for Programmes offered at UPC

Please find the general description of programmes offered at UPC (and the courses in each programme) at:

Bachelor	https://www.upc.edu/learning/courses/Bachelors-degrees
Master	https://www.upc.edu/learning/courses/masters-degrees
Doctorate	https://doctorat.upc.edu/en/programmes/research-area-list

The UPC Schools participating in the Erasmus+ KA107 Program are:

Barcelona School of Building Construction. EPSEB	Barcelona Faculty of Informatics. FIB
Castelldefels School of Telecommunications and Aerospace Engineering. EETAC	Barcelona School of Agricultural Engineering. ESAB
School of Industrial, Aerospace and Audiovisual Engineering of Terrassa. ESEIAAT	Barcelona School of Civil Engineering.
Barcelona School of Telecommunications Engineering. ETSETB	

You can find a list about the degrees they offer below.



II. Barcelona School of Building Construction. EPSEB

Link: <https://epseb.upc.edu/en/studies>

Bachelors	Main Language: Spanish Other Language: English (only some subjects)
<ul style="list-style-type: none">Bachelor's degree in Architectural Technology and Building ConstructionBachelor's degree in Geoinformation and Geomatics Engineering	
Masters	Main Language: Spanish
<ul style="list-style-type: none">Master's degree in Building Construction EngineeringMaster's degree in Building Construction ManagementMaster's degree in Occupational Health and Safety	
Other information	
It must be taken into account that only the Degree in Technical Architecture and Building has classes in English, but we have an offer of targeted works or TFGs and TFMs for the international student quite broad that includes subjects of all the studies.	



III. Castelldefels School of Telecommunications and Aerospace Engineering. EETAC

Link: <https://eetac.upc.edu/en>

Bachelors	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">Bachelor's degree in Aerospace Systems Engineering.	
<ul style="list-style-type: none">Bachelor's degree in Telecommunications Systems	
<ul style="list-style-type: none">Bachelor's degree in Telematics Engineering	
Masters	Main Language: English
<ul style="list-style-type: none">Master's degree in Applications and Technologies for Unmanned Aircraft Systems (Drones) 	
<ul style="list-style-type: none">Master's degree in Aerospace Science and Technology (MAST) 	
<ul style="list-style-type: none">Master's degree in Applied Telecommunications and Engineering Management (MASTEAM)	



IV. School of Industrial, Aerospace and Audiovisual Engineering of Terrassa. ESEIAAT

Link: <https://eseiaat.upc.edu/en>

Aerospace Engineering	
Bachelors	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">Bachelor's degree in Aerospace Technology Engineering	
<ul style="list-style-type: none">Bachelor's degree in Aerospace Vehicle Engineering	
Masters	Main Language: English
<ul style="list-style-type: none">Master's degree in Aerospace Engineering	
<ul style="list-style-type: none">Master's degree in Space and Aeronautical Engineering	

Telecommunications Engineering	
Bachelors	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">Bachelor's degree in Audiovisual Systems	



Industrial Engineering	
Bachelors	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">• Bachelor's degree in Industrial Design and Product Development• Bachelor's degree in Industrial Technology Engineering• Bachelor's degree in Electrical Engineering *• Bachelor's degree in Industrial Electronics and Automatic Control Engineering *• Bachelor's degree in Mechanical Engineering *• Bachelor's degree in Chemical Engineering *• Bachelor's degree in Textile Technology and Design*	
Masters	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">• Master's degree in Industrial Engineering• Master's degree in Textile and Paper Engineering• Master's degree in Automatic Systems and Industrial Electronics Engineering• Master's degree in Management Engineering• Master's degree in Technology and Engineering Management• Master's degree in Advanced Studies in Design-Barcelona (MBDesign)	

[*Common access](#)

With professional attribution



ESEIAAT further information

The following two master's degree are completely done in English:

- Master's degree in Technology and Engineering Management, MEM (<http://mem.masters.upc.edu/en>) and the
- Master's degree in Space and Aeronautical Engineering (<http://mase.masters.upc.edu/en>)

Moreover, we have over 50 subjects that are done in English from the bachelor's and master's degrees. You can receive further information at:

- <http://eseiaat.upc.edu/ca/international-office/international-students/study-at-eseiaat/bachelors-degrees-1/subjects-in-english>
- <http://eseiaat.upc.edu/ca/international-office/international-students/study-at-eseiaat/masters-degree-1/subjects-in-english>

PhD Programs

- PhD program in Mechanical, Fluids and Aerospace Engineering
<https://mfa.postgrau.upc.edu/en>
- PhD Enginyeria Tèrmica // PhD program in Thermal Engineering
https://doctorat.upc.edu/en/programmes/thermal-engineering?set_language=en
- PhD Enginyeria Tèxtil i Paperera // PhD program in Textile and Paper Engineering
https://doctorat.upc.edu/en/programmes/textile-paper-engineering?set_language=en
- PhD Sistemes d'Energia Elèctrica // PhD program in Electric Energy Systems
https://doctorat.upc.edu/en/programmes/electric-energy-systems?set_language=en



V. Electronic Engineering Department

Link: <https://eel.upc.edu/en>

We are interested in receiving students from the Master's Degree and/or PhD Programs.

Master
<ul style="list-style-type: none">• Master's degree in Electronic Engineering (MEE)
PhD Program
<ul style="list-style-type: none">• Doctoral Program in Electronic Engineering



VI. Barcelona School of Telecommunications Engineering. ETSETB

Link: <https://etsetb.upc.edu/en>

Bachelors	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">Bachelor's degree in Telecommunications Technologies and Services EngineeringBachelor's degree in Electronic EngineeringBachelor's degree in Data Science EngineeringBachelor's degree in Engineering Physics	
Masters	Main Language: English
<ul style="list-style-type: none">Master's degree in Telecommunications Engineering (MET)Master's degree in Electronic Engineering (MEE)Master's degree in PhotonicsMaster's degree in Engineering PhysicsMaster in Advanced Telecommunication Technologies	



ETSETB Further Information

- Bachelor's Degrees:

All the incoming students at ETSETB-UPC must have obtained, at least, 120 ECTS credits at the time of their arrival.

- Master's Degrees:

To enroll master courses, we will request incoming students to have passed 180 credits at their home institution (bridge subjects will need 150 credits).

- Bachelor's Degree in Engineering Physics:

Mobility only to make the Final Degree Project.

Students must search for a topic for their Final Degree Project:

To check the list of project proposals, students may subscribe to the following RSS http://infoteleco.upc.edu/rss/proj_incoming.html

- **Offered courses for incoming students:** <https://infoteleco.upc.edu/genweb/webmob/app/#/courses>
- **Information for incoming students:** <http://www.etsetb.upc.edu/ca/international/foreign-students>



VII. Barcelona Faculty of Informatics. FIB

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

Bachelors	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">• Bachelor Degree in Informatics Engineering• Bachelor Degree in Data Science and Engineering• Bachelor Degree in Bioinformatics	
Masters	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">• Master's Degree in Informatics Engineering• Master's Degree in Artificial Intelligence• Master's Degree in Innovation and Research in Informatics	
Further information	
<ul style="list-style-type: none">- Master's Degree in Informatics Engineering. (1'5 years, 90 ECTS). Only in Spanish/Catalan.- Master's Degree in Artificial Intelligence. (1'5 years, 90 ECTS). Only in English. It is done in collaboration with Barcelona's University (UB) and Rovira I Virgili University. There are some subjects that, if you take them, you must go to Tarragona.- Master's Degree in Innovation and Research in Informatics. (2 years, 120 ECTS). Only in English.	



VIII. Barcelona School of Agricultural Engineering. ESAB

Link: <https://esab.upc.edu/en>

Bachelors	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">• Bachelor's Degree in Agricultural Engineering	
<ul style="list-style-type: none">• Bachelor's Degree in Agricultural, Environmental & Landscape Engineering	
<ul style="list-style-type: none">• Bachelor's Degree in Food Engineering	
<ul style="list-style-type: none">• Bachelor's Degree in Biosystems Engineering	
Masters	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">• Master's Degree in KET 4 Food+Bio	
<ul style="list-style-type: none">• Master's Degree in Landscape Architecture	
<ul style="list-style-type: none">• Master's Degree in Aquaculture	
<ul style="list-style-type: none">• Master's Degree in Sensorial Science	
<ul style="list-style-type: none">• Master's Degree in Plant Breeding	



IX. Barcelona School of Civil Engineering

Link: https://camins.upc.edu/en/Studies?set_language=en

Bachelors	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">• Bachelor's Degree in Civil Engineering• Bachelor's Degree in Public Works Engineering• Bachelor's Degree in Civil Engineering (Main Language: English)• Bachelor's Degree in Geological & Environmental Engineering• Bachelor's Degree in Marine Science & Technologies• Bachelor's Degree in Geological Engineering (on extinction)	
Masters	Main Language: Spanish and Catalan Other Language: English (only some subjects)
<ul style="list-style-type: none">• Master's Degree in Civil Engineering• Master's Degree in Environmental Engineering• Master's Degree in Geotechnical Engineering• Master's Degree in Numerical Methods in Engineering• Master's Degree in Oceanography & Marine Management• Master's Degree in Structural Analysis of Monuments & Historical Constructions• Master's Degree in Structural & Construction Engineering• Master's Degree in Supply Chain, Transport & Mobility	



X. Interested teachers to receiving students to specific topics:

To do Doctoral thesis and master projects in the framework of "Fluid Mechanics" subject.	Department of Fluid Mechanics
Master's and/or PhD students (special interested in students from Russia.	Department of Electronic Engineering
Master's and/or PhD students.	Department of Electronic Engineering