



MÀSTER UNIVERSITARI ENGINYERIA AERONÀUTICA

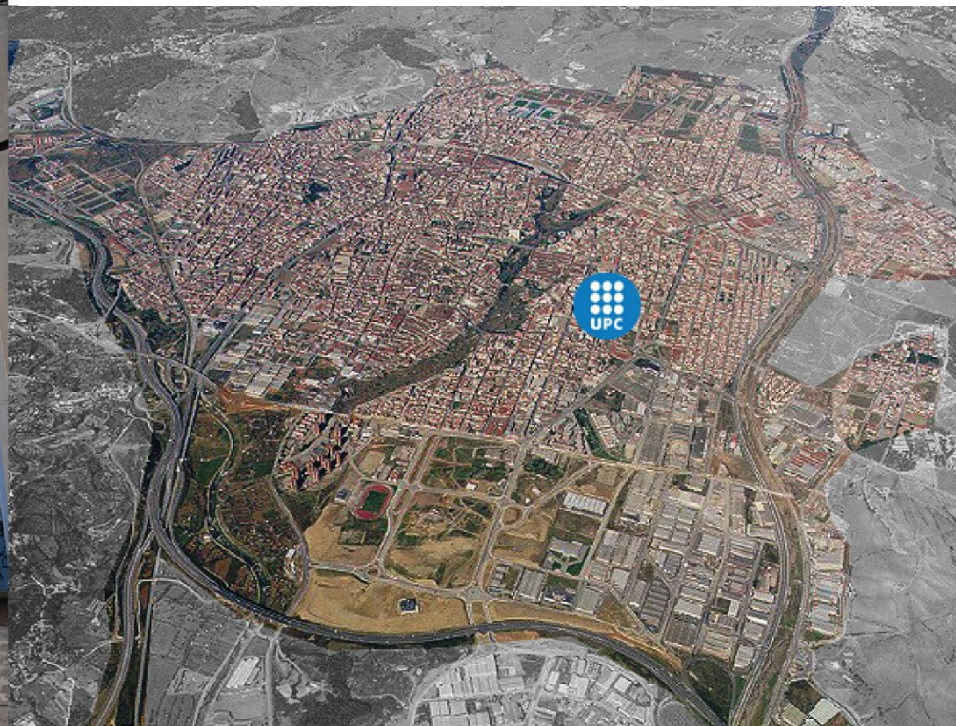
Sala meet – 5 de Setembre 2025

Daniel Garcia-Almiñana - Sotsdirector Cap d'Estudis de Màsters & Internacionalització
Adrià Rovira – Coordinador del MUEA



WELCOME to ESEIAAT

- Largest Centre at UPC
- 4300 students, 450 PDI
- 10 Degrees, 10 Masters, 4 Doctorate
 - Almost 500 mobility students, yearly
 - 1300 company agreements, yearly
- Employment rate higher than 95%, first year after end of studies



 El centre neix fruit de la integració de dues escoles centenàries.

ESEIAAT MAIN BUILDINGS



MUEA - STRUCTURE

120 ECTS - 5 TRACKS MUEA + NON-SPECIALITY
INTERNATIONAL TRACK AS A DOUBLE/SECOND MASTER IS POSSIBLE
ONLY ONES WITH FULL PROFESSIONAL COMPETENCES

GENERAL STRUCTURE:

MQ1 – 30 ECTS, COMPULSORY

MQ2 – 30 ECTS, COMPULSORY

MQ3 – 5 ECTS, COMPULSORY & 25 ECTS, SPECIALITY (**only FALL**)

MQ4 – 18 ECTS, ELECTIVE & 12 ECTS Final Master Thesis

IMPORTANT MUEA – All compulsory courses have double teaching (MQ1 morning and MQ2 afternoon at Fall; the opposite at Spring).

IMPORTANT – All elective courses in English language.

IMPORTANT MUEA – Speciality (and some compulsory) courses also in English language.

MUEA – DRIVEN ENROLMENT (NON GRETA)

For the non-GRETA students, there is a “driven enrolment” of between 9 and 12 ECTS to complement the specific competences in comparison with the reference Degree.

The driven enrolment does not increase the total number of ECTS of the Master* as far as it is deducted from the 18 ECTS elective courses.

<http://muea.masters.upc.edu/ca/informacio-academica/pla-destudis/informacio-general/complements-matricula-dirigida/matricula-obligatoria-dirigida-en-el-muea-per-a-altres-graus-aeronautics-no-greta>

- * When doing company internships, you'll enrol more than 120 ECTS.
- * When doing international mobility, you may enrol more than 120 ECTS.

MUEA – DRIVEN ENROLMENT

MATRÍCULA OBLIGATÒRIA/DIRIGIDA EN EL MUEA PER A ALTRES GRAUS AERONÀUTICS (NO GrETA)

Aquestes assignatures són complements a la formació obligatòria rebuda al grau per part de l'estudiantat no GrETA.

Per tant, els estudiants provinents del GrETA ja les han cursat en el seu pla d'estudis i no les podran cursar com a optatives generals.

Grau de Procedència	Aeronavegació	Propulsió	Vehicles	Aeroports	Sistemes
Assignatures a cursar	Elements Resistents en l'Aeronàutica (3 ECTS)	Fonaments de Disseny d'Aeronaus (3 ECTS)	Fonaments de Propulsió (3 ECTS)	Elements Resistents en l'Aeronàutica (3 ECTS)	Elements Resistents en l'Aeronàutica (3 ECTS)
	Fonaments de Propulsió (3 ECTS)	Fonaments d'Enginyeria Espacial (3 ECTS)	Fonaments d'Enginyeria Espacial (3 ECTS)	Propulsió II (3 ECTS)	Fonaments de Propulsió (3 ECTS)
	Propulsió II (3 ECTS)	Fonaments d'Enginyeria Aeroportuària (3 ECTS)	Fonaments d'Enginyeria Aeroportuària (3 ECTS)	Fonaments de Disseny d'Aeronaus (3 ECTS)	Fonaments de Disseny d'Aeronaus (3 ECTS)
	Fonaments de Disseny d'Aeronaus (3 ECTS)	-----	-----	-----	-----
TOTAL CRÈDITS	12 ECTS	9 ECTS	9 ECTS	9 ECTS	9 ECTS

MUEA – DRIVEN ENROLMENT (PILOT PLAN)

In 2025, Fall Semester a pilot plan has been issued for 220371 (*Fonaments de Propulsió*):

- Fast format before the start of MUEA (Sep., 5 to 10).
- Four days in the afternoon (16:00 to 19:00).
- No Course Exam, only small projects.
- The aim is facilitating to pass 220308 (*Propulsió*).

In **2025 Fall Semester**, 220371 is also offered as “intensive course”, and can be taken by all students enrolled in 220308. In order to take place in the intensive course you shall enrol at:



DRIVEN ENROLMENT “EXEMPTION RULES”

- ELECTIVE related course at **Bachelor** level → EXEMPTION
- TFG related → EXEMPTION
- MASTER ESPECIALITY → EXEMPTION
- MASTER MOBILITY → RECOGNITION
- MASTER DD → RECOGNITION

In all cases use e-secretaria to ask for one/more exemptions (plus e-ticket in case you shall provide additional details).

ENROLMENT WITH BACHELOR PENDING

- ❑ Possibility to pre-enrol Masters without having the Bachelor studies closed!
 - ❑ *TFG not yet finished.*
 - ❑ *Third language certificate.*
- ❑ In the practice, if you don't need to enrol any Bachelor course...
- ❑ Other possibilities → sotsdir.master.eseiaat@upc.edu

WARNING!!!!

- ❑ It is a MUST to finish Bachelor studies at or during the Fall Semester; otherwise, besides limiting ECTS to enrol, NO MOBILITY or DD will be possible!!!!
- ❑ It is compulsory to pass at least 15 ECTS during the first year of master studies in order to continue in the plan.



MUEA – ADDITIONAL PROVISIONS

- 1) Priorization of enrolment criteria: Bachelor thesis pending...
 - 1st GRETA / 2nd NON-GRETA – Bachelor closed.
 - 3rd GRETA / 4th NON-GRETA – Bachelor pending.
 - Bachelor enrolment of all pending ECTS before master enrolment.
 - MUEA enrolment in Fall > 60 → start in MQ2
- 2) Second, international Master: General approach.
<http://eseiaat.upc.edu/ca/international-office/docs/presentacio-dobles-titulacions-internacionals.pdf>
- 3) Second, internal Master: Possibilities.
<https://eseiaat.upc.edu/ca/estudis/alt-rendiment-academic-eseiaat>
- 4) ATENEA as a source of detailed information for each course.



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