Bachelor's degree in Aerospace Vehicle Engineering

The bachelor's degree in Aerospace Vehicle Engineering provides solid multidisciplinary training in aeronautical engineering, with an emphasis on aspects specifically related to aircraft and space vehicles, including their design, construction, operation and maintenance and the infrastructure needed for them to operate.

On the degree, you will acquire the versatility to adapt to new situations and assimilate future technological developments in the aerospace industry.

This bachelor's degree is taught at The School of Industrial, Aerospace and Audiovisual Engineering of Terrassa. ESEIAAT

GENERAL DETAILS

Duration
4 years

Study load
240 ECTS credits (including the bachelor's thesis). One credit is equivalent to a study load of 25-30 hours.

Delivery
Face-to-face

Fees and grants
Approximate fees per academic year: €2,551 (€3,826 for non-EU residents). Consult the public fees system based on income (grants and payment options).

Official degree
Recorded in the Ministry of Education's degree register

ADMISSION

Places
60

Registration and enrolment
What are the requirements to enrol in a bachelor's degree course?

Legalisation of foreign documents
All documents issued in non-EU countries must be legalised and bear the corresponding apostille.

DOUBLE-DEGREE AGREEMENTS

With other Catalan universities
- Bachelor's degree in Aerospace Vehicle Engineering + Master's degree in Aeronautical Engineering + Bachelor's degree in Business Administration and Management (UOC)
- Bachelor's degree in Aerospace Vehicle Engineering + Master's degree in Aeronautical Engineering + Bachelor's degree in Economics (UOC)
Further information on this website

PROFESSIONAL OPPORTUNITIES
Professional opportunities
- Design, planning, production and maintenance of aircraft, aerospace vehicles and aeronautical engineering works.
- Planning, construction and management of airport infrastructure.
- Control and supervision of ground facilities, airport terminals, runways, signalling systems and structures used in air navigation.
- Testing and certification of aerospace vehicles, aerospace propulsion systems, aerospace materials, airport and air navigation infrastructure, and systems for managing airspace, air traffic and air transport.
- Technical supervision, surveying, drafting of reports, and technical advice in areas related to aeronautical engineering.

ORGANISATION

Academic calendar
General academic calendar for bachelor’s, master’s and doctoral degrees courses

Academic regulations
Academic regulations for bachelor’s degree courses at the UPC

Language certification and credit recognition
Queries about language courses and certification

Terrassa School of Industrial, Aerospace and Audiovisual Engineering (ESEIAAT)

CURRICULUM

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<td>Analysis of Thermal and Fluid Dynamics Issues in Industrial And/Or Aeronautical Systems and Equipment</td>
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<td>Web Applications</td>
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**SEVENTH SEMESTER**

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**EIGHTH SEMESTER**

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<td>Engines and Powertrains</td>
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August 2019. UPC. Universitat Politècnica de Catalunya · BarcelonaTech