Optional subjec/ts
74 ECTS

Semester
proje/c/ts
16 ECTS

Master's thesis
30 ECTS

Optional subjects
74 ECTS

The program includes a compulsory industrial internship with a minimal duration of 8 weeks.

The program must be built around one of the following orientations:
- A  Aero-Hydrodynamics
- B  Control and Mechatronics
- C  Design and Production
- D  Energy
- E  Mechanics of Solids and Structures
- F  Biomechanics

Students can also choose a 30 ECTS Minor (incl. in the 120 ECTS credits):
- Biomedical Technologies
- Computational Science & Engineering
- Energy
- Materials Science
- Space Technologies
- Management, Technology and Entrepreneurship
- Science, Technology and Area Studies

Career prospects

Due to the omnipresence of mechanical components in the objects that we use in our day-to-day lives, mechanical engineering training offers a great variety of future prospects. At the top of the list, we find the construction domain (including the car industry, shipbuilding, aeronautics or aerospace), but also the machine industry and energy conversion and management.

A large number of students decide to join large corporations and have the opportunity to specialize in the design of new products, at a production or even at a marketing level. In that case, their role will consist in targeting new markets and advising customers. Other students will have the chance to combine all these tasks if they decide to join smaller entities, or if they choose to create their own structure, since the innovation spectrum in mechanical engineering is quite extended. Another important factor to underline is that the mechanical engineering training is world-recognized and allows students to plan a career abroad.