

Business Engineering

TAUGHT IN FRENCH



/ AIMS

The major in Business Engineering and Project Management trains engineers to plan and execute a project in cooperation with a customer. Starting at the pre-sales stage the business engineer ensures the functional and financial follow-up together with the administrative and technical teams. The scientific and technical background of ESEO engineers' core curriculum provides them with a knowledgeable insight into the feasibility of the project and makes it easier to link with the development teams.

/ ACQUIRED SKILLS

After completing your training, you will be capable of:

- Steering, leading and managing a project in all its aspects whether it is technical, human or financial, in cooperation with the customer and other project stakeholders;
- Developing a business with a holistic view of the product life cycle;
- Negotiating with the project stakeholders by taking into account the constraints of the company and the customers;
- Making technological decisions and addressing their impact.

/ CAREER OPPORTUNITIES

You will access positions such as Business Engineers, Key account Engineers, Project Managers, Portfolio Managers and Pre-sales Engineers.



COURSE UNITS

/ SEMESTER 8

- **Business Engineering Project:** 80h - 8 ECTS
- **Business Strategy:** 28h - 2 ECTS
- **Complex Sales and Negotiation:** 24h30 - 2 ECTS
- **Contract and Patent Law:** 7h - 0.5 ECTS
- **Public Procurement:** 10h30 - 1 ECTS
- **Data Governance and Regulation:** 14h - 1.5 ECTS
- **Advanced Database:** 28h - 2 ECTS
- **Network and IS Security:** 14h - 2 ECTS
- **Databases / Statistics:** 14h - 1.5 ECTS
- **Machine Learning:** 28h - 2.5 ECTS
- **Project Management:** 28h - 2 ECTS
- **English:** 30h - 2 ECTS
- **Transversal Skills:** 14h - 1 ECTS

+ 1 selected Course Unit : 28h - 2 ECTS

To be chosen from the elective course units listed below:

- Human Machine Interface (HMI)
- Biometry and Cybersecurity
- Operational Research

/ SEMESTER 9

- **Final Year Project:** 168h - 14 ECTS
- **Business Management:** 28h - 3 ECTS (14h taught in English)
- **HR Policy:** 28h - 2 ECTS
- **International Business:** 28h - 2 ECTS
- **Corporate Finance and BU Management:** 28h - 3 ECTS
- **Business Game:** 28h - 1.5 ECTS
- **Cloud Computing:** 28h - 1.5 ECTS
- **Distributed Computing:** 28h - 1.5 ECTS

+ 1 selected Course Unit: 28h - 1.5 ECTS

To be chosen from the elective course units listed below:

- Pentest
- Video Games and 3D Animation