Bordeaux INP
ENSCBP

Master's Programme

Chemistry and Physical Engineering

ENSCBP trains engineers specialised in Chemistry and Physical Engineering who go on to occupy important positions in a wide range of sectors such as chemicals, the environment, energy, automotive, aeronautics, pharmaceuticals etc.

research & development / innovation / renewable energies / green chemistry / materials / quality / eco-design / management

COURSES

1st AND 2ND YEAR

- Companies, careers & cultures
- Physical and analytical chemistry
- Engineering sciences and techniques
- Physics
- Molecular chemistry and polymers
- Inorganic chemistry and materials
- Toxicology

Projects - example

Imagine and develop an innovative project

- Composite wood decking boards
- Nail varnish that can be removed without solvents
- Internal thermal protection for a prototype rocket

2 long internships (5 and 6 months) in a company, in France or abroad

SPECIALISATIONS

- Chemistry and bioengineering[1]
- Design and production in industry
- Factory of the future: advanced materials and processes[6]
- Polymer engineering and formulation[6]
- Lipids and industrial applications
- Engineer entrepreneur for innovative projects[2]
- QSE integrated management and sustainable development
- Nano and microtechnologies[6]
- Energy storage and conversion

3RD YEAR

choice between:

+

OPENESS MODULES:

- Aromas, flavours and fragrances: from food industry to perfumery[3]
- Red card! Innovations for recreational physical activities[5]
- Designing an innovative object[3]
- Workplace health and ergonomics[3]
- Marketing and purchasing[3]
- Research Master's [4]
- Sciences, techniques, communication and ethics[1]

[6] in English

In partnership with

[1] ENSTBB – Bordeaux INP

[2] Bordeaux INP

[3] Kedge

[4] University of Bordeaux

[5] Bordeaux School of Art

Bordeaux INP
ENSCBP

Engineering (Master's Programme)

Chemistry and Physical Engineering

EMPLOYMENT PROSPECTS

Business sectors

- Production
- Research and development
- Quality, safety, environment
- Studies, consulting
- Marketing

Our graduates work primarily in the following industries: **chemicals, environment, energy, transports (aeronautics, automotive industry etc.)**. They may also be recruited to work in industries such as **cosmetics, pharmaceutical, agri-food, water and waste management.**

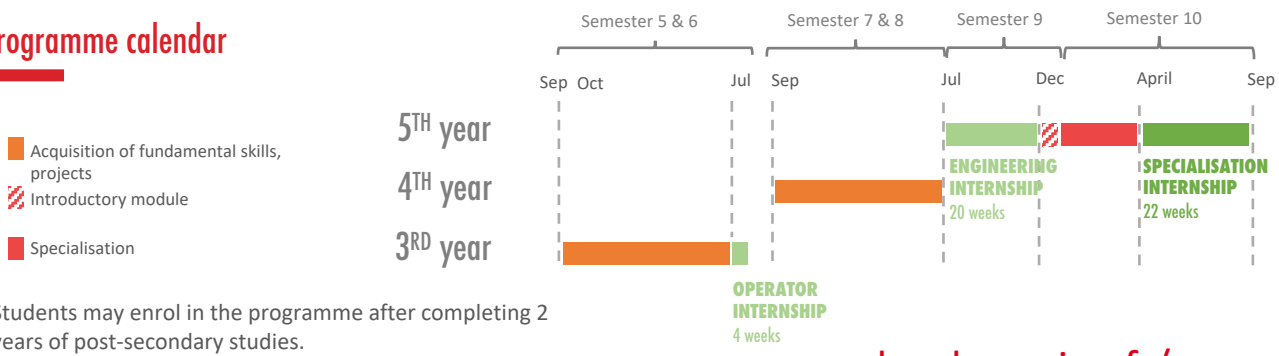
Dual degree and mobility programmes

Read about our dual degree and mobility opportunities on enscbp.bordeaux-inp.fr

Why choose a Graduate School?

- Small classes: 90 students per graduating class in CGP/600 total in the school
- Selective admissions
- Adapted teaching methods
- Close ties with industry
- High scientific level with engineering programmes supported by research laboratories
- International mobility opportunities
- Active alumni network

Programme calendar



Students may enrol in the programme after completing 2 years of post-secondary studies.

bordeaux-inp.fr/en