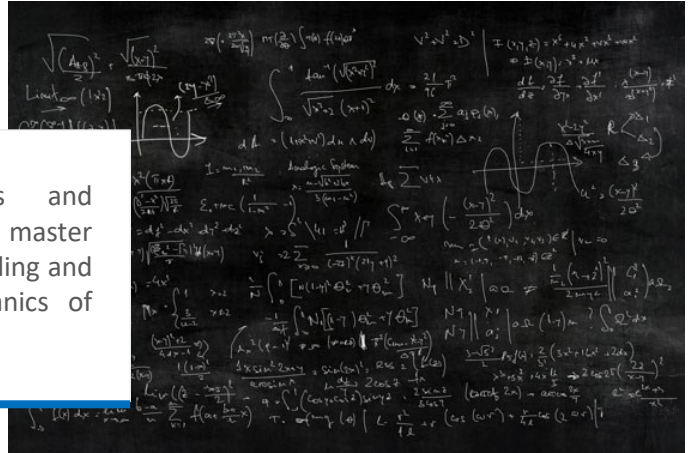


Mathematics and Mechanics

The ENSEIRB-MATMECCA Mathematics and Mechanics programme allows students to master advanced theoretical and numerical modelling and simulation techniques for digital mechanics of fluids and solids.



COURSES

1ST AND 2ND YEAR (UNDERGRADUATE)

- Mechanics of solids
- Mechanics of fluids
- Mechanics of materials
- Mathematics and digital methods
- Software tools for scientific computing
- Study and research work
- Programming
- Engineering languages and culture

Student testimonial

The Mathematics and Mechanics programme prepared me for the professional world by providing me with comprehensive theoretical training, supplemented by work on many projects and real-life applications sought after by companies and laboratories. These assets allowed me to work at Renault for my final project and to continue my work with the company to pursue a CIFRE PhD.

Lalaina

EMPLOYMENT PROSPECTS: 1ST JOB

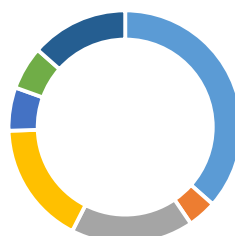
SPECIALISATIONS

3RD YEAR (MASTER)

- **Advanced Modelling of Materials and structures (ENG)**
- Fluids and energetics
- High-performance computing for mechanics

€40,420
gross
annual
Starting
salary
(Class of 2022)

1 out of 2
graduates
Are employed
when they finish
school



- Aeronautics, automotive and space industries
- Information technologies
- Teaching, research
- Studies, consulting
- Financial institutions, banks, insurance
- Energy
- Other