



International Preparatory Course

 ENGLISH
TAUGHT
PROGRAM

JUNIA's International Preparatory Course (IPC) is a foundation course of JUNIA's five-year engineering program at HEI or ISEN. **Open to both French and international applicants, the IPC is 100% taught in English and includes courses in science, humanities, and project management, with the option to specialize in mechanical engineering or IT in the 2nd year.** Students also benefit from the unique opportunity to spend the third year of the IPC abroad in a partner university. Upon completion of this preparatory program, students are eligible to join the engineering programs at JUNIA HEI or JUNIA ISEN to earn a Master of Science and Engineering (*diplôme d'ingénieur*).

two years in France, in English

The first two years take place in France at JUNIA's campus in Lille and are taught entirely in English. In addition to building a solid theoretical foundation, students are active in their education with project-based learning. Through group work in programming, project management, business practices and mechanical engineering, students develop their relational skills as well as their scientific knowledge. Completed in intercultural teams, these projects give students a realistic preview of what it's like to work in a globalized world.

The first year gives the students a base of knowledge and skills in engineering science, mathematics, human relations, and project management. The second year builds on this foundation and introduces more specialized modules in IT or mechanical engineering to acquire the prerequisite skills for an engineering degree at JUNIA.

JUNIA assists students in identifying their personal and professional goals in order to help them choose their Year 2 specialization, the ideal international partner university for their year abroad, and the engineering specialization at ISEN or HEI for their return to France in Year 4. This tailor-made training gives students power over their future.

Students can choose to continue their third year at a partner university abroad.

- Jyväskylä University of Applied Sciences (Finland)
- University of California Santa Barbara (United States of America)

English-Taught Programmes at HEI and ISEN at the Master's level (from year 4 after the IPC)

- Big Data
- Software Engineering
- Smart Cities

See all the other study options offered in French at junia.com

advantages of IPC

- Courses 100% taught in English
- Build a solid technical and scientific foundation
- Specialize in mechanical engineering or IT in year 2
- Concrete application of skills with internship and international experiences
- Project-based learning with intercultural group work
- Education support

Practical information

admission requirements

- IB or French *baccalauréat* specializing in mathematics and any scientific field
- Minimum B2 level in English and B1 level in French

application procedure

Complete your online application on junia.force.com

financial aspects

Fees and other expenses

- 2023-2024 Tuition Fees:
 - Year 1 and Year 2 : €8,000 /year,
 - Tuition fees in Year 3 for the year abroad are managed with the partner university abroad and vary according to the host institution and partnership.
- Living expenses in France: approx. €850/month
- Miscellaneous fees (insurance, visa...): approx. €650/year

Scholarships and Financial Aid

- French government housing allowance: approx. 90€/month

international student services

Dedicated support just for you

- Reservation of accommodation in a student residence
- Administrative procedures (visa, resident permit, etc.)
- Integration into student life (associations, activities, etc.)
- Welcome Session: intensive French language course, intercultural communication, orientation week, social events, and more

YEAR 1 - 60 ECTS

Course	Mathematics	90h
	Thermodynamics	50h
	Structural Mechanics	60h
	Mechanical Design	80h
	Circuits	60h
	Electronics	60h
	Programming	45h
	Database Systems	45h
	International Communication	30h
	Project Management	45h
	Creativity	30h
	English	50h
	Creativity Innovation	24h
	Accounting	16h
	Personal effectiveness & Critical Thinking	30h
	Corporate Social Responsibility	28h
	Second Language	30h
	Professional Project	4h
	Internship	6 weeks

YEAR 2 - 60 ECTS

Course	Mathematics 2	76h
	Thermodynamics 2	40h
	Control and Instrumentation	40h
	Sensors and Networks	40h
	Digital Electronics	60h
	Business & Law	30h
	Quality Management	10h
	Accounting	20h
	English	50h
	Second Language	20h
	Professional Project	6h
	International Break	8 weeks

IT Specialisation	Advanced Programming	55h
	Software Design	50h
	Web Development	50h
	Computer Architecture and Networks	45h
	Probability and Statistics for Data Analysis	45h
	IT Team project	30h

Mechanical Engineering Specialisation	Fluid Dynamics	55h
	Materials for Mechanical Engineering	50h
	Information Systems	45h
	Industrial Engineering	50h
	Design and Mechanics	45h
	Mechanical Team Project	30h

Course details are subject to change, please visit junia.com for the latest information