



IMT Mines Albi
École Mines-Télécom



**REACH NEW
OPPORTUNITIES**



JOIN OUR ENGLISH TRACKS AT IMT MINES ALBI!

A leading graduate engineering school in France



ACCESSIBILITY

- Opportunity to enroll in programs with no need of speaking French
- **English materials**



INTERCULTURAL SKILLS

- A multicultural environment with students from all over the world
- **FLE (French as a foreign language) courses** and French acculturation



INTEGRATION INTO THE LABOUR MARKET

- **English, a major asset** in a globalized business world
- Programs to help design a more energy-efficient industry and society



LEADING ENGINEERING SCHOOL

- A school from IMT (Institut Mines-Télécom), **French Federal Institute of Technological Universities of science and management** for sustainable economic development

4 AVAILABLE PROGRAMS FOR A MORE RESPONSIBLE WORLD

Available on the third semester (September to February) of our master program,
each English track enables students to earn 30 ECTS credits.

Classes are taught in English. AI-powered instant translation can be used on a limited basis as a supplementary tool.

Choose from the school's 4 tracks:



Renewable energies, sustainable production and construction

Sharpen your skills in the field of **renewable energy systems**, from production to distribution, including integration at different scales: buildings, cities, regions and industries.



Industrial engineering for organizational performance

Meet the **logistics challenges of organizations** in all sectors, by optimizing the performance of physical and information flow management systems.



Advanced materials and processes for tomorrow's transports

Develop **high-performance materials solutions and associated processes**, in response to the key challenges facing companies and industries of the future: aeronautics, automotive, aerospace, rail...



Pharmaceutical, agrifood and cosmetics processes

Develop an industrial culture and skills in these sectors through **the study of manufacturing and business processes**, taking into account the specific and evolving constraints of these industries.

APPLICATION

NOMINATION DEADLINE FOR PARTNERS: APRIL, 1ST

APPLICATION DEADLINE FOR STUDENTS: APRIL, 15TH

Applications welcome from students currently in B3 or M1 if bachelor in 3 years or in B4 or M1 if bachelor in 4 years.

for-mobiliteac@mines-albi.fr



RENEWABLE ENERGIES, SUSTAINABLE PRODUCTION AND CONSTRUCTION

5 teaching units	Program	Credits
Energy and Environmental Issues	<ul style="list-style-type: none"> - Energy economics and energy transition issues - Rhetorical and technical debating, professionalisation - French as a foreign language 	6 ECTS
Energy systems	<ul style="list-style-type: none"> - Solar energy - Fluid systems and refrigeration thermodynamics 	4 ECTS
Conversion	<ul style="list-style-type: none"> - Wind power - High-power solar energy converters and statistical methods - Hydrogen value chain 	6 ECTS
Distribution	<ul style="list-style-type: none"> - Thermodynamic engine cycles for electricity and heat production - Energy storage and control - CO₂ Capture, transport, use and storage 	6 ECTS
Production	<ul style="list-style-type: none"> - Renewable gases and biofuels - Biomass, waste and pollutants projects - Turbulent flows - Flow and transfer simulation project 	8 ECTS



ADVANCED MATERIALS AND PROCESSES FOR TOMORROW'S TRANSPORTS

5 teaching units	Program	Credits
AI, projects, and communication in the transport sector	<ul style="list-style-type: none"> - AI applied to processes and materials - Project in aeronautical, aerospace and automotive techniques - Rhetorical and technical debating, professionalisation 	6 ECTS
Behavior, modelling and business sectors	<ul style="list-style-type: none"> - Plates and anisotropic laminates - Professional sectors - Aeronautics - French as a foreign language 	6 ECTS
Behavior of metallic materials	<ul style="list-style-type: none"> - Failure of materials - Surface engineering - From mechanical tests to numerical modelling 	6 ECTS
Research project 1	- Research project 1	6 ECTS
Research project 2	- Research project 2	6 ECTS



INDUSTRIAL ENGINEERING FOR ORGANIZATIONAL PERFORMANCE

5 teaching units	Program	Credits
Thematic opening and professionalisation	<ul style="list-style-type: none"> - Contract management and team management - French as a foreign language - Rhetorical and technical debating, professionalisation 	6 ECTS
Management of company resources and flows	<ul style="list-style-type: none"> - Supply Chain management - ERP and Enterprise Information systems 	4 ECTS
Project management	<ul style="list-style-type: none"> - Collaborative Design and PLM (Product Lifecycle Management) - Agile project management - Advanced project management 	6 ECTS
Engineering project	<ul style="list-style-type: none"> - Engineering project development - preparing an intervention - Engineering project development - implementation - Hackathon 	6 ECTS
Supply Chain	<ul style="list-style-type: none"> - Purchasing and supply management - Supply Chain engineering - Steering by process and performance - Advanced process simulation 	8 ECTS



PHARMACEUTICAL, AGRIFOOD AND COSMETICS PROCESSES

5 teaching units	Program	Credits
Industrial environment	<ul style="list-style-type: none"> - Rhetorical and technical debating, professionalisation - Research project 	6 ECTS
Chemistry and biotechnology	<ul style="list-style-type: none"> - Green chemistry and polyphasic reactors - Biotechnological processes - French as a foreign language 	6 ECTS
Solid chain	<ul style="list-style-type: none"> - Solid generation - Upstream operations - Downstream operations 	6 ECTS
Scale-up and models	<ul style="list-style-type: none"> - Dimensioning - scale-up - Discrete modelling for processes - A systems approach to process modelling 	6 ECTS
Research and development project	- Research Initiation Project	6 ECTS

Follow us



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