



UTBM ENGINEER

A DIFFERENT TAKE ON THE WORLD

UNIVERSITÉ DE TECHNOLOGIE DE BELFORT-MONTBÉLIARD



CHOOSE BOTH A "GRANDE ÉCOLE" AND A UNIVERSITY

"7th largest engineering program in France"

in terms of number of graduates out of 205 institutions

"11th public school in higher education"

L'Usine Nouvelle ranking 2023

"5th public school in higher education for international mobility"

L'Usine Nouvelle ranking 2023

"Top 10 France for its "International and Industrial Affairs" master program"

Eduuniversal ranking 2023



Watch UTBM video presentation



THE WORLD WELCOMES YOU

250 partner universities over five continents

→ A multicultural campus with students of 68 different nationalities

→ Courses in **8 foreign languages** taught by native teachers

→ A unique **18-week international experience** (12 weeks for apprentices)

→ Exchange programs and **13 double degrees**

ADVANTAGES +

You will have the opportunity to prepare a double degree with UTBM and one of our partner universities: undergraduate programs at HE-Arc in Switzerland, engineering programs at ETS, UQAC in Canada, National Central University (NCU) in Taiwan, University of Technology of Parana in Brazil...



/ Contact /
relations.internationales@utbm.fr

JOIN UTBM

→ One application process for the three Universities of Technology (Belfort-Montbéliard, Compiègne, Troyes)
→ Selection based on application file and possible interview

Tuition fees

→ 618€ per year / 3 879€ for non-UE citizens (academic year 2024/2025)
→ Free of charge for French government scholarship holders and apprentices

→ BEGINNING OF STUDIES IN SEPTEMBER

Undergraduate Admission at Baccalauréat (BAC, French high school diploma) and BAC+1	www.parcoursup.fr	From January to March Parcoursup calendar
Engineering programs for students Admission at BAC+2 and above	www.groupe-ut.fr	From 20/01 to 20/03
Engineering programs for apprentices Admission at BAC+2 and above	www.utbm.fr Download our application file	From 21/03 to 30/06

→ BEGINNING OF STUDIES IN FEBRUARY

Undergraduate Admission at Baccalauréat (BAC) and BAC+1	www.groupe-ut.fr	From 01/10 to 15/11
Engineering programs for students Admission at BAC+2 and above		



Contact

service.admissions@utbm.fr
+33 (0)3 84 58 30 34

INNOVATION WITHIN REACH

Innovation CRUNCH Lab, a unique place in France

→ A collaborative space dedicated to innovation fostering the rapid materialization of ideas

→ Different spaces of resources and skills (coworking, maker space, ideation...) to foster co-creativity and open innovation

→ From design thinking to design doing.... A team at your side to help you carry out your projects



UTBM INNOVATION
CRUNCHLAB

/ Contact /
+33 (0)3 84 58 33 75
contact.crunchlab@utbm.fr



Compiègne
Belfort-Montbéliard
Troyes



www.groupe-ut.fr

Engineers at the center of technological and social evolutions

OUR MASTER'S PROGRAMS

UTBM offers two master's degrees that can be taken in parallel with our engineering programs to obtain a double degree and acquire cross-disciplinary skills:

• **International Industrial Affairs:** preparing executives managers to oversee industrial or logistics projects in an international and intercultural environment

• **Technological Entrepreneurship and Innovation:** providing the necessary skills to succeed in a business start-up/takeover or a business development project in an industrial or technological environment

BONUS +

Masters specialized* in Hydrogen energy:

UTBM offers a Master's program where you can acquire expertise in the field of hydrogen energy, by covering both theoretical and practical aspects



Find out more about our Master's programs

/ Contact /
+33 (0)3 84 58 31 36
inscriptions.master@utbm.fr



A STUDY-PROGRAM TAILORED TO YOUR AMBITIONS

Top 10 of the world's best universities

- **Small class sizes:** tutorial at 28, practical work at 14, lectures at less than 100
- **Innovative collaborative work methods:** numerous practical and experimental assignments, semester projects in collaboration with companies, associations or local authorities
- **The closeness with our pedagogical team** supports you step by step and gives you the means to succeed
- **At Innovation CRUNCH Time**, take part every year in Europe's leading ideation event: a unique experience of creativity in contact with professionals to put your knowledge into practice



Discover our student life

GET EMPLOYED IN LESS THAN A MONTH AFTER GRADUATION

9 800 partner companies worldwide

- Benefit from the exceptional experience of **46 weeks of internship** during your 3-year studies (54 weeks for a 5-year course)
- **Visits, workshops and meetings** organized throughout your course, according to your interests and professional project
- **An annual Industrial Congress**, bringing together more than 80 companies for your internships and job hunting



/ Contact /
+33 (0)3 84 58 30 96
relations.entreprises@utbm.fr



PROGRAMS ALIGNED WITH YOUR VALUES

103 objectives for the ecological and social transition

- A university signatory of the Grenoble Agreements, **committed to sustainable development**
- More than 100 subjects linked to the ecological and social transition
- Towards the **first campus energy-sufficient**: "Belfort e-start"
- A university certified **ISO 14001** (environmental management) and **ISO 15001** (occupational health and safety)



EXPERIENCE OUR CAMPUS WAY OF LIFE

More than 50 student clubs

- **Activities all-year-long and major events:** integration, graduation gala, one-day film festival, student international music festival, "Troll penché" game convention...
- A human-sized university to make you feel at home
- Welcome to Franche-Comté, a region of nature, sport, music and culture. Bordering Switzerland, Germany, between the Vosges and Jura mountains, only 2h30 from Paris by high-speed train (TGV)

Visit our campuses



/ BELFORT CAMPUS /



/ SEVENANS CAMPUS /



/ MONTBÉLIARD CAMPUS /



COME & MEET US !

- **ONLINE LIVE PRESENTATION**
Go on www.utbm.fr/jpo
- **FROM OCTOBER TO MARCH AT STUDENT FAIRS & FORUMS**
See the list on www.utbm.fr



Follow all UTBM activities on :



UNIVERSITÉ DE TECHNOLOGIE DE BELFORT-MONTBÉLIARD
90010 Belfort cedex - Tél. +33(0)3 84 58 30 00 - contact@utbm.fr - www.utbm.fr

<utbm:communication> 02/2025 - Création graphique : service à la communication UTBM - crédits photographiques : Marc Barral Barot - François Jouffroy - Pierre-Louis Balmier - UTBM/DR

7 MAJORS TO BECOME AN ENGINEER

When choosing UTBM, you choose to build your own professional project through a tailored course program: scientific, technological, humanistic, international, entrepreneurial and open to the world's ecological and social transition.

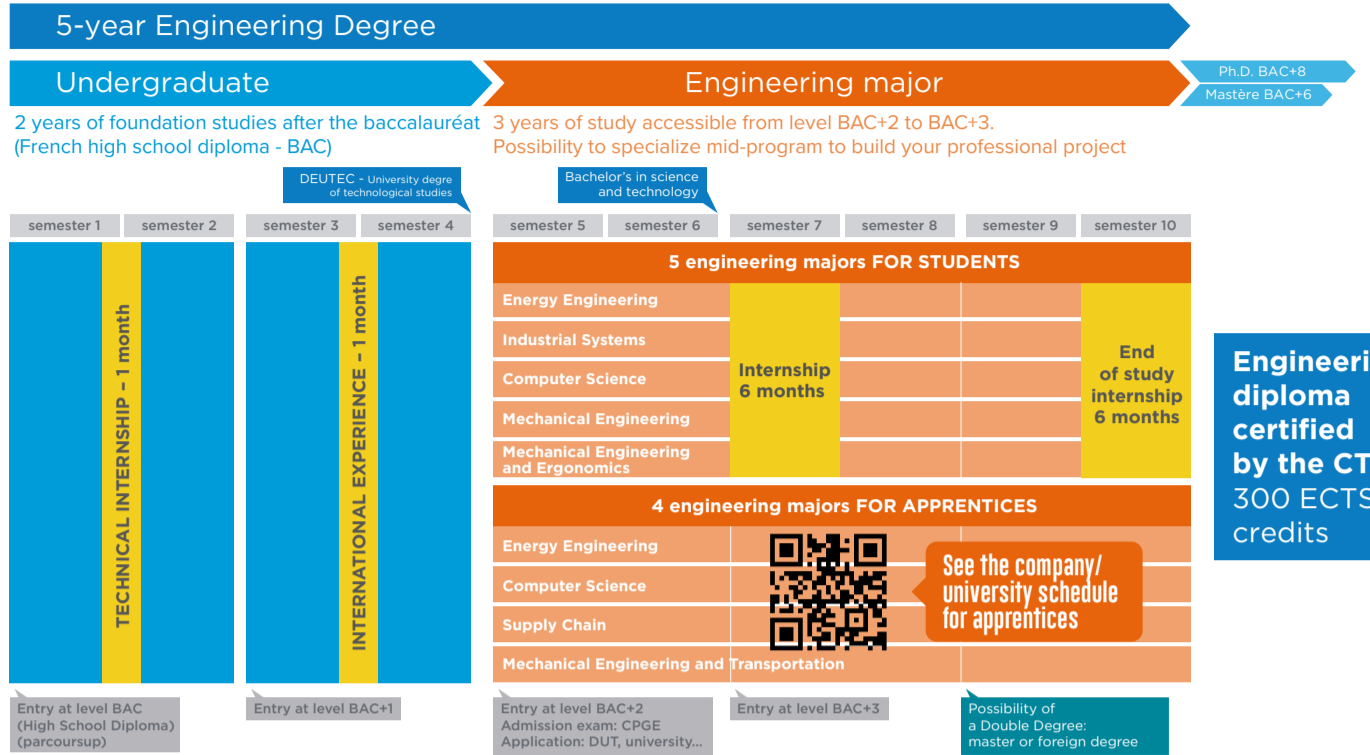


The majors for apprentices are taught in partnership with ITII (Institut des Techniques d'Ingénieurs de l'Industrie) Nord Franche-Comté



Find out more about our courses

A tailored course program in two stages



OUR UNDERGRADUATE PROGRAM IN 2 YEARS

Two years to prepare and choose your engineering major

Gain solid scientific, technical and human skills through courses in mathematics, physics, engineering sciences, computer science, languages, management, entrepreneurship...

- A personalized course and individual support
- A culture of technology right from the start of your studies
- A discovery of the industrial world from the 1st year
- An international perspective available during the 2nd year through a semester of studies abroad

ADVANTAGES

- Guaranteed entry into the desired field of study
- Study conditions encouraging success
- Numerous classes at 28 or 56 students



Find out more about our 5-year course

/ Contact /
+33(0)3 84 58 30 58
tc@utbm.fr

UTBM advantages

Humanities courses: innovative and cross-disciplinary subjects to open to the world

Humanities courses involve innovative teaching methods, with subjects conducted as projects, stimulating creativity: magazine writing, 3D reconstruction of historical objects, serious games, role-play, video editing, introduction to research...

The courses are divided into language classes and classes specialized in "Technology, Science and Society". One of the pedagogical aims is it to contribute to your intellectual resilience to cope with the contemporary world changes.

Philosophy, history of science and technology, sociology, economics, management etc. bring a Human-centered perspective on technology.

CROSS-DISCIPLINARY SKILLS

- Developing a cross-disciplinary understanding of technology and society's major challenges
- Initiating, innovating and managing
- Organizing one's thinking, informing and communicating
- Working in an international and multicultural context



MAJOR IN Supply chain

Become an engineer capable of designing, organizing and managing the complex logistics processes of industrial systems in different sectors of activity

• Your tasks

- Designing and managing logistics flows and, more generally, the supply chain
- Optimizing logistics processes
- Selecting, implementing and operating a logistics information system
- Managing and steering the purchasing process
- Innovating, always! Managing your team or piloting a project, finding solutions to complex problems combining technical, organizational, environmental and human factors

• Your future career

Logistics engineer/Logistics Methods, Inventory management/ Supply Manager, Planning Manager, Platform Manager/Warehouse, Supply Chain Manager



Find out more about the course

/ Contact /
+33 (0)3 84 58 33 05
logistique-industrielle.app@utbm.fr



MAJOR IN Computer Science

A major at the center of technological innovations to become the architect of tomorrow's digital world

• Your tasks

- Identifying, modeling and solving problems in computer science, like artificial intelligence, data processing, 3D simulation, VR/AR or robotics
- Designing, developing, implementing and managing IT application projects, from the design to the operation
- Designing, monitoring, optimizing, implementing, securing and managing information systems and network infrastructures
- Developing, designing and implementing integration and evolutions strategies for hardware and software installations

• Your future career

IT designer, Research and development engineer, DevOps engineer, Full Stack engineer, Information systems manager, Consultant and project manager in information systems, Systems and networks manager, Data science and AI engineer, 3D Design engineer, VR/AR, Autonomous and embedded systems engineer



Find out more about the course

/ Contact /
+33 (0)3 84 58 31 77
informatique@utbm.fr
informatique.app@utbm.fr

/ STUDENT / / APPRENTICE /



MAJOR IN Energy Engineering

Become an engineer capable of designing, controlling and supervising electrical energy management systems for energy production, storage and conversion in power grids, transportation, construction and industry

• Your tasks

- Drawing, designing, dimensioning, simulating and implementing industrial electrical systems (high and low voltage) and electronical systems in one of the following sectors: energy production, energy conversion and storage, embedded systems
- Controlling, driving and monitoring electrical installations and conventional and renewable electrical energy conversion systems, stationary or embedded.
- Supervising, monitoring, performing diagnosis and maintenance
- Managing a collaborative innovative project in electrical engineering
- Developing innovative energy solutions (hydrogen)

• Your future career

Engineer: design and development, design department, tests and measurements, project manager, maintenance



Find out more about the course

/ Contact /
+33 (0)3 84 58 33 08
energie-genie-electrique@utbm.fr
energie-genie-electrique.app@utbm.fr

/ STUDENT / / APPRENTICE /



MAJOR IN in Mechanical Engineering and Transportation

In-depth training in the fields of energy and transportation to prepare you for tomorrow's world

• Your tasks

- Modeling and sizing mechanical systems
- Selecting materials and integrating interaction product/process/material
- Designing innovative solutions or technological improvement integrating the constraints and features of the project
- Using software to build numerical simulations of physical phenomenon
- Analyzing, designing and modeling technical solutions with specific applications in transportation

• Your future career

Design engineer, Design and development engineer, Research engineer, Project engineer, Methods engineer, Product architect....



Find out more about the course

/ Contact /
+33 (0)3 84 58 31 22
mecanique-transport.app@utbm.fr

/ STUDENT /



MAJOR IN Mechanical Engineering and Ergonomics

At the crossroads of design, ergonomics and eco-design, become a product engineer, designing objects and experiences innovative by use!

• Your tasks

- Leading a product design project, innovative, user-centered and environmentally friendly
- Analyzing specific needs, architecting, designing, developing and evaluating innovative mechanical systems and workstations, while integrating the human and environmental factors
- Collaborating with various business experts, specializing in ergonomics, industrial design, methods and production
- Releasing products that are useful, usable, responsible and timeless.

• Your future career

Product engineer, Design engineer, Engineer-ergonomist, Eco-design engineer, Innovation engineer, Vehicle or product architect, Design engineer, R&D engineer, Continuous improvement engineer, Workstation ergonomics engineer...



Find out more about the course

/ Contact /
+33 (0)3 84 58 30 13
mecanique-ergonomie@utbm.fr

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MAJOR IN Mechanical Engineering

Become a mechanical engineer, broad-based and multi-skilled, working for the industry, capable of acting at all stages of the lifecycle of a predominantly mechanical product, while integrating the process, project, product and materials constraints

• Your tasks

- Designing, modeling and simulating multiphysics systems
- Dimensioning mechanical structures
- Characterizing, dimensioning, shaping and selecting materials
- Designing and developing new products and technologies or improving existing systems

• Your future career

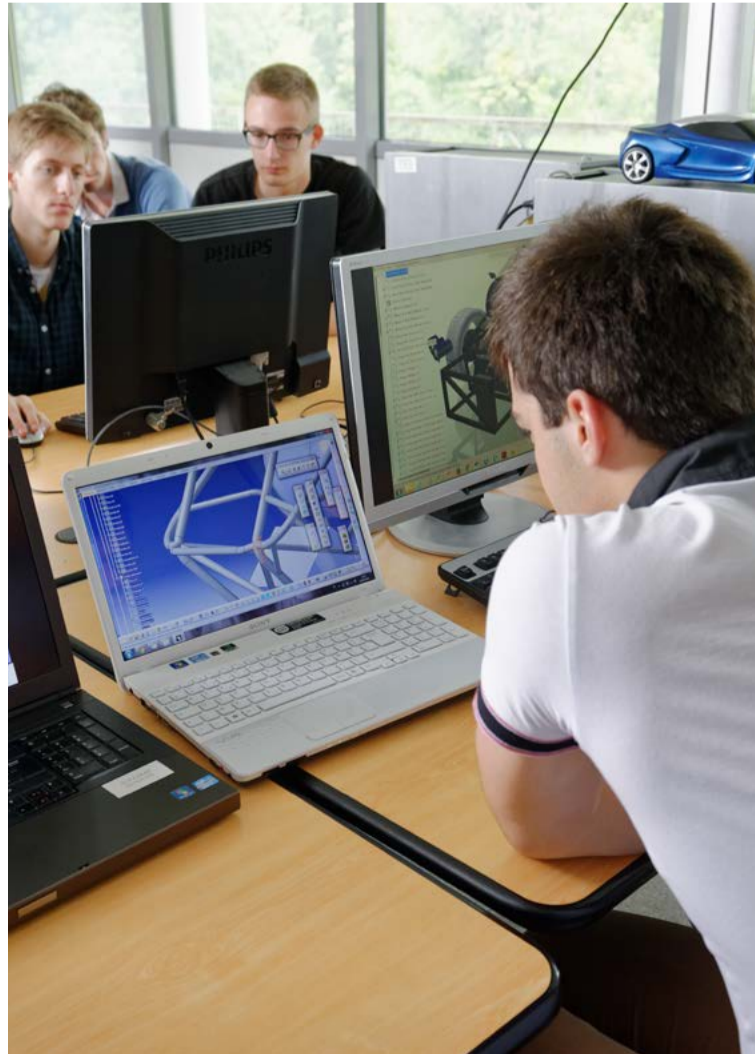
Product architect, Design engineer, Calculation engineer, Project manager, Business engineer, test engineer, working for the automobile, aeronautical, luxury goods industry or energy industry or doing scientific research



Find out more about the course

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mecanique@utbm.fr

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MAJOR IN Industrial Systems

You are passionate, curious about people and things, you like working in a team on concrete issues, and the environment is one of your concerns?

• Your tasks

- As part of the team, you are the driving force behind the performance: detecting / analyzing problems, creating / implementing the best solutions... no two days are ever the same!
- Your role is to master cutting-edge technologies (manufacturing processes, robotics, digital...), to implement, exploit and perfect them
- Your strengths: technical and scientific culture, methodical, high-demanding, diligent, creative, and teamworking that puts you in a position to drive change with an entrepreneurial spirit

• Your future career

Aeronautics, automobile, luxury goods, energy, food-processing... All the industrial sectors are looking for your skills: logistics engineer, methods, production, continuous improvement, robotics... All have the urgent need to reduce energy consumption and environmental pollution. Join in!



Find out more about the course

/ Contact /
+33 (0)3 84 58 33 05
genie-industriel@utbm.fr

/ STUDENT /