



FUTURE NOW!



MINES NANCY AT A **GLANCE**



founded in
1919

5th & 8th

Mines Nancy is consistently ranked by the national press as one of the top 10 French engineering schools.



800
students

INTERNATIONAL RECOGNITION

The laboratories of the University of Lorraine are constantly recognized in the Shanghai ranking (Shanghai 2023 ranking) :

25%
international
students

101st in the world
in Automation
& Control

80%
students
employed
before
graduation

40th in the world
in Mining Engineering
and Mineralurgy

15000
alumni
worldwide
(Intermines
network)

51st in the world
in Metallurgical
Engineering

OUR MISSION

Mines Nancy is one of the leading engineering Grandes Écoles widely acknowledged both at a national and international level. Our mission is to train innovative engineers with both a strong scientific background and an important place left to humanities to develop their ability to tackle strategic challenges for the society in their whole complexity. This ambition is supported by high-tech, industrial and social projects that bring together students, teachers, researchers, startups and industrial partners to build up sustainable future for our planet.

**JEAN LAMOUR
INSTITUTE**
Materials Science,
Metallurgy, Nanosciences



GEORESOURCES
Geomodelling, Raw
Materials, Geosystems



LORIA
Computer Science,
Control and Automation



LEMTA
Mechanics and Energy



**INSTITUTE
ELIE CARTAN**
Mathematics



LEM3
Materials, Mechanics,
Microstructures



BETA
Economics
and Management



MAIN SCIENTIFIC FIELDS

Mines Nancy values the diversity of its students' talents and professional interests and provides opportunities for building personalized study tracks that perfectly align with students' career plans and aspirations.

RESEARCH LAB

Unique cross-functional research platform to promote innovation, development and international collaboration.



COMPUTER SCIENCE



INDUSTRIAL ENGINEERING



MATERIALS SCIENCE



ENERGETICS & PROCESSES



**GEOLOGY & GEOPHYSICAL
ENGINEERING**



**APPLIED
MATHEMATICS**



**3D
MANUFACTURING**

AREAS OF EXPERTISE

Always on the lookout for innovations, Mines Nancy offers its students the opportunity to work on the latest technological advances such as AI and robots, transport of tomorrow, 5G and biotechnologies.

ROBOTICS/AI

Together with teacher-researchers and industrial partners, students work on the integration of artificial intelligence in robotics and the development of operational applications for academic, scientific and industrial fields.

The collaborative projects respond to real industrial challenges and allow students to implement the latest technologies for robotics and artificial intelligence in complex working environments, to develop multi-robot and robot/drone collaboration, to design on-board equipment etc.

CYBER

Equipped with a reverse engineering room dedicated to malwares, Mines Nancy prepares professionals for the computer security sector, with a focus on vulnerability analysis and forensics and in line with societal needs. It also focuses on the vulnerability of hardware and cyberphysical objects.

5G

Mines Nancy is the first university in Europe equipped with its own industrial 5G stand alone platform implemented in collaboration with NOKIA group. The platform is a great asset for

innovation, entrepreneurship, and collaborative work which allows students to embrace 5G breakthrough technology and experiment over its innovative applications.

URBANLOOP

Urbanloop is an innovative future mobility company originated from pedagogical project with an ambition to meet the challenges of green transition. Today, Urbanloop involves nine engineering schools and more than hundred students participating in its development every year. The project won many awards and received the highest political and industrial support to deploy the first Urbanloop network for the Paris Olympic Games 2024.

STRATEGIC MATERIALS

Mines Nancy prepares its students to become the engineers of tomorrow, capable of developing, producing and marketing new and more efficient materials for green and digital transitions and Industry 4.0. The students' projects address major societal challenges of energy, health, environment or transportation and include such areas as Design of Innovative Alloys, BioMaterials Engineering and Materials, Devices and Energy.



INTERNATIONAL OUTLOOK

Mines Nancy is a diverse school which welcomes students from all around the globe (25% of students are international). Thanks to the strong relationships with more than 80 partner institutions on 5 continents, Mines Nancy offers all its students opportunities for exchange studies, international internships, joint-degree and double-degree programs. Mines Nancy researchers collaborate with colleagues worldwide contributing to continuous expansion of its partnership network and enhancement of its global presence.

Our english-taught programs:



Exchange semester in Materials for Green and Digital Transition



Exchange semester in Big Data & Data Science



TechL@b internships in AI and Robotics



Erasmus Mundus Joint Master GREENANO: Nanomaterials for Green and Digital Transition

PARTNERSHIP SCHEMES

At Mines Nancy we consider every of our partner as unique and therefore we have different collaborating schemes

RESEARCH INTERNSHIPS

While providing valuable learning experiences for students, hosting research interns at our TechL@b may also serve as a first step towards broader collaboration. This mutual exchange allows to both institutions to get acquainted and explore potential synergies. It's a natural starting point for fostering future partnerships.

COLLABORATION

We are open to various forms of bilateral cooperation, including long-term exchange agreements and the potential for double diploma programs. This offers students the opportunity to experience different cultures and become ambassadors for our partnerships.

STRATEGIC PROJECTS

In the context of the Twin Transition, our societies are changing drastically. Companies and academia must be ambitious to meet the Green Deal Challenge.

At Mines Nancy, we actively engage in projects to transform our future. We are involved in Erasmus KA2 projects on Sustainable Raw Materials (HERawS), 5G and Future Networks (Future Networks Academy), and an Erasmus Mundus Joint Master in Nanomaterials for Green and Digital Transition (GREENANO).

Our flagship annual conference, «Academia Stands for Green Deal,» bridges academia, industry, and policy towards a carbon-free future. We are eager to embark on new projects, offering our state-of-the-art facilities and extensive expertise for collaboration.



SPIRIT OF INNOVATION & ENTREPRENEURSHIP

At Mines Nancy, innovation drives us forward. Our entrepreneurial spirit inspires, trains, and fuels experimentation.

Our second-year students can dedicate 1.5 days per week to an exclusive entrepreneurial program, receiving personalized coaching, specialized courses, expert speakers, and access to cutting-edge technology.

All Mines Nancy students can become student-entrepreneurs, tapping into the resources of PEEL University Business Incubator.

The TechL@b, a high-tech hub, lets our students engage in innovative projects, collaborate with industry partners, and join a dynamic community of peers, professors, startup founders, and alumni.

Innovation is at the heart of Mines Nancy!

SOCIAL AND ENVIRONMENTAL COMMITMENT

At Mines Nancy, we are dedicated to training innovative engineers for a sustainable future.

We are proud of our 3rd place ranking among Engineering Schools most committed to ecological and social transition, as recognized by Les Echos Start and Change Now in collaboration with Deloitte.

Students at Mines Nancy follow specialized training, dedicating between 50 to 800 hours out of a total of 2,000 hours to ecological transition, sustainable development, and social responsibility.

To support this commitment, our Ecological and Social Transition team plays a pivotal role in implementing and driving forward our sustainability and social responsibility policies.



**FIND
OUT
MORE** →



INTERNATIONAL OFFICE

Campus Artem - BP 14 234
92 rue du Sergent Blandan
54042 Nancy cedex - France
+ 33(0)3 72 74 48 50
info@minesnancy.com
www.mines-nancy.univ-lorraine.fr



A school of



ARTEM