



Master's Program in Advanced Materials for Innovation & Sustainability

Labelled by EIT the European Institute of Innovation and Technology <https://eitrawmaterials.eu/eit-rm-academy/>

Duration: 2 years, full-time

Degrees awarded: Master of Science degree (double degree)

Language of instruction: English

Member universities:
Aalto University, Finland
University of Bordeaux, France
TU Darmstadt, Germany
Grenoble INP, France
University of Liège, Belgium
Riga Technical University, Latvia

AMIS Master Program
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Advanced Materials for Innovation & Sustainability



Industry Partners and Research hubs:



'Greener and more sustainable functional materials aiming at better performances and optimized life cycles.'

Conception www.mpsstudio.fr - Créatif photos Shutterstock, Grenoble INP @Pierre Jayet



THE AMIS Master PROGRAM

BREADTH OF KNOWLEDGE

sustainability

business

LEARNING OUTCOMES

LABELLED BY THE EUROPEAN INSTITUTE OF INNOVATION AND TECHNOLOGY

Learning by doing courses

- Working group projects on real case studies
- Summer School on a scientific topic
- Internship and Master thesis

Breakthrough Innovation

Robust entrepreneurship skills

- Seminars with industries, start-ups, EIT, Winter School
- Market analysis
- Pitching contest

DEPTH OF KNOWLEDGE



The 3 most-mentioned strengths among AMIS alumni:

“A good balance between theoretical background and labwork, cultural diversity, interesting side events like the summer school and EIT-Race event.”

OBJECTIVES OF AMIS Master PROGRAM

Acquire an understanding of the full **raw materials value chain** and a mind-set for innovation & entrepreneurship focusing on **sustainability**

AMIS tackles the theme ‘Substitution of critical or toxic materials in products and for optimized performance’. It also covers ‘Material chain optimization for end-of-life products’ and ‘Product and services design for the circular economy’ - all of which are central themes of EIT RawMaterials.

The AMIS Master Program includes a solid package of courses and project work in innovation, business and entrepreneurship.

It will boost young professionals to become change agents with an entrepreneurship mindset able to safeguard the sustainability of EIT RawMaterials throughout the industrial and research landscape.

AMIS is a two-year Master Program (120 ECTS) offered by five European universities in four countries (Belgium, Finland, France, Germany, Latvia).

Students will study in two EU countries among the six member universities.

Each student will acquire a minimum of 30 ECTS Innovation & Entrepreneurship education with engineering courses.

Upon completion of the program, students will receive a double degree.

APPLICATION PROCEDURE

Participation fees

For European students: 1000 euros/year

For non-EU students: 8000 euros/year

Mobility scholarships are awarded to the best selected students.

Successful applicants should hold a Bachelor’s degree in Science or Technology or Engineering (Physics, Chemistry, Materials Science) or its equivalent. Applicants in their final year of undergraduate education may be admitted on the condition that their bachelor degree will be awarded before they enroll respecting the university specific deadlines.

Applicants will be evaluated on the basis of their prior study performance and professional project, as evidenced by their academic records (study success and suitability of acquired bachelor degree for the program), letters of recommendation and other relevant documents.

As all the courses will be taught in English, applicants must hold one of the following language tests:

- IELTS (Academic IELTS only)
- TOEFL (IBT = Internet Based Test, PBT = Paper Based Test)
- CAE/CPE (Cambridge Certificate)
- Pearson Test of English (PTE Academic only)

Language test exemptions and required documents:

<https://amis-master.eitrawmaterials.eu/>

Application timeline:

- **Application Wave:** October to mid-March
- **Application Results:** April at the very latest

CAREER OPPORTUNITIES

Academic career: scientist with high commercialization awareness, knowledge and competences; someone who can define a value proposition, a target customer and a user of their scientific research; someone who can communicate effectively the commercial value of their scientific research.

Industry and Start-up career: expert employee or manager whose actions and decisions influence the innovation output, value creation, and performance of the company (R&D, New Business Development functions).



Find out more about the career of alumni with AMIS Ambassadors:

<https://unibuddy.co/embed/eit-rawmaterials/course/5f6b6832cbefa20e89cefd3/buddies/students>