



Advanced Materials for Innovation and Sustainability

Master's Program in
Advanced
Materials for
Innovation &
Sustainability

Part of EIT RawMaterials Academy

Labelled by EIT the European Institute
of Innovation and Technology

Duration: 2 years, full-time

Degrees awarded: Master of Science degree
(double degree)

Language of instruction: English

Organising Universities:
Aalto University, Finland
University of Bordeaux, France
TU Darmstadt, Germany
Grenoble INP, France
University of Liège, Belgium

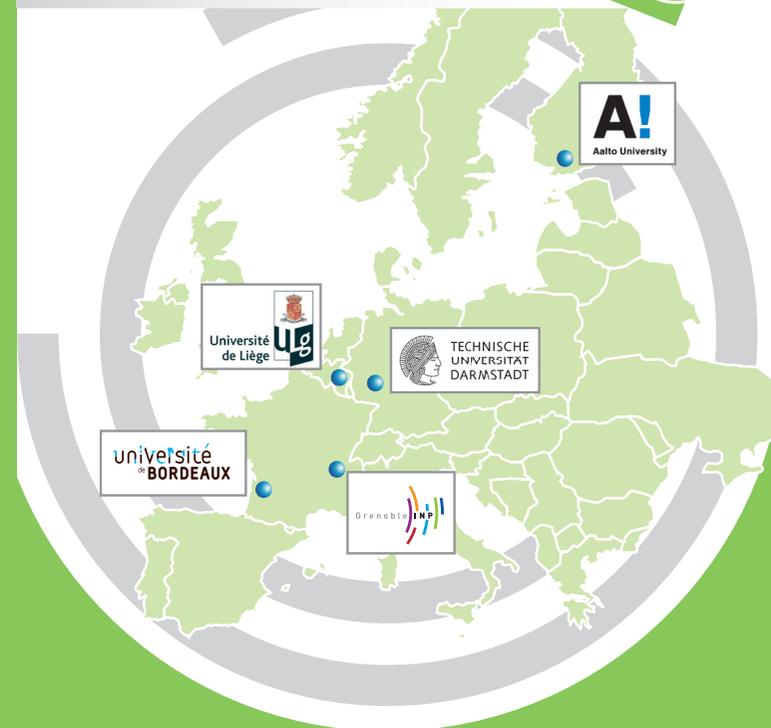
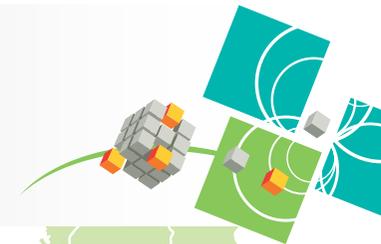
AMIS Master Program
Grenoble Institute of Technology
PHELMA International Relations Office
3, parvis Louis Néel
CS 50257
38016 GRENOBLE Cedex 1
France

Email: contact@amis-master.eu

AMIS website:
www.amis-master.eitrawmaterials.eu



Advanced
Materials for
Innovation &
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Academic Partners:
Aalto University, University of Bordeaux, TU Darmstadt,
Grenoble INP, University of Liège

Industrial Partners:
Arcelor Mittal, Arkema, CEA, Fraunhofer, IMEC

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



THE AMIS Master PROGRAM

APPLICATION PROCEDURE

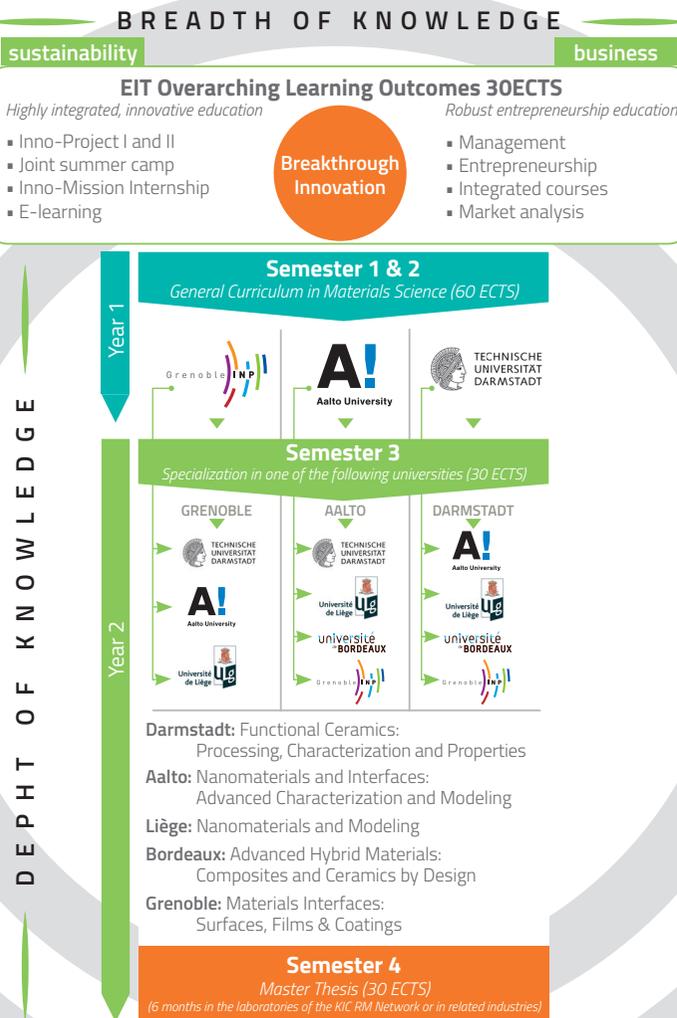
OBJECTIVES OF AMIS Master PROGRAM

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).

Mobility is an integrated part of the program. Students will study at two of the consortium partner 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.

Participation fees

For European students: 1000 euros/year
For non-EU students: 8000 euros/year

Scholarships and fees waivers are awarded to the best candidates. Mobility grants are available for all 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:

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

Application timeframes:

- 1st round: December to February
- 2nd round: March to May

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.

Employment in a company operating in the field of raw materials: 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).