

EU4M is an Erasmus Mundus Joint Master Degree Programme, supported by the Erasmus+ Programme of the European Union to enhance the quality of higher education in Europe and encourage intercultural understanding through cooperation with European and non-European countries.

## Reasons to study with EU4M

- Joint Master Degree programme
- Highly attractive scholarships
- Accredited by EURACE, ASIIN and ANECA
- Studies at high-ranking institutions
- Intensive contact to industry
- Excellent career opportunities
- Language courses included
- Intercultural knowledge improvement
- International Network
- All-round carefree package
  - Financial support
  - Travel health insurance
  - Arrival and Visa support
  - Assistance with accommodation

## Career Opportunities

Career opportunities for Mechatronic Engineers with EU4M profile are excellent in all EU4M Consortium countries. The combination of expertise, foreign languages and intercultural skills open up excellent opportunities in the international labor market as well as for the promotion.



### Coordinator of the EU4M-Consortium Universidad de Oviedo (UNIOVI)

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### Hochschule Karlsruhe – University of Applied Sciences (HKA)

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### Supmicrotech - ENSMM

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https://www.supmicrotech.fr    Prof. Dr. Nadine Le Fort-Piat



### Nile University (NILE)

Juhayna Square, 26th July Corridor - Sheikh Zayed City,  
12588 Giza, Egypt  
www.nu.edu.eg    Prof. Dr. Wael Akl



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## Joint Master Degree (JMD) in Mechatronic Engineering

- Universidad de Oviedo, Spain
- Hochschule Karlsruhe – University of Applied Sciences, Germany
- Supmicrotech - École Nationale Supérieure de Mécanique et des Microtechniques de Besançon, France
- Nile University, Egypt

# Joint Master Degree (JMD) in Mechatronic Engineering

## Degree

Joint Diploma issued by Universidad de Oviedo on behalf of the EU4M Consortium. Whenever this is not possible, students will receive a Double Master of Science (M.Sc.) Degree of the two visited partner universities.

## Duration

4 semesters (120 ECTS)

## Study Plan

Students stay the whole first year at the chosen home institution, taking courses in advanced mechatronics and languages. In the second year, students move to one of the other partner institutions to specialize. The final semester is dedicated to the master thesis and it can be completed at any of the four partner institutions, at associated partners or within a company.

Country 1	Preparation: Intensive language course
	1st and 2nd semester: Equivalent modules at each university
Country 2	Preparation: Intensive language course
	Specialization at each university
	Master's Thesis

## Teaching Language

- France, teaching language: French
- Spain, teaching language: Spanish
- Germany, teaching language: German
- Egypt, teaching language: English

Language certificates are needed.  
Minimum B1 level is required (according to the CEFR)

## Specialization



Study plan		
Semester 1	Automation 1 Mechanics 1 Advanced Mechatronics 1 Key Qualification 1	HKA UNIOVI
Semester 2	Automation 2 Mechanics 2 Advanced Mechatronics 2 Key Qualification 2	NILE
Semester 3 Specialization	Micro-Mechatronics Renewable Energy	HKA
	Micro-robotics Micro-mechatronics Automation	ENSMM
	System analysis Mechatronics production development	UNIOVI
Semester 4	Software engineering Data analysis	NILE
	Master Thesis	

## Application

### Who can apply

Highly motivated European and non-European students, holding a bachelor's degree or equivalent (minimum 180 ECTS credits) in Mechatronics, Mechanical-, Electronic-, Automotive Engineering or in a comparable field of study. You should be fluent in two of the four languages of the Consortium: German, Spanish, French or English.

### Application

- Deadline
  - **15<sup>th</sup> January** for scholarship and extended support
  - **31<sup>st</sup> May** for self-paying students
- Online application at [www.eu4m.eu](http://www.eu4m.eu)
- Further information at [secre\\_uo@eu4m.eu](mailto:secre_uo@eu4m.eu)

### Fees

Tuition Fees: €2,250 for European, €4,500 for Non-European students per semester (including travel health insurance).

### Funding

- Scholarships
  - EACEA: Full Erasmus+ scholarship
  - Students must spend at least one semester in two different EU countries*
  - Other options: Visit [www.eu4m.eu](http://www.eu4m.eu) >> Scholarships
- Financing by working in the industry for a company:
  - During studies / Semester holidays
- Erasmus+ Master Degree Loans

### Industry cooperation

Companies are welcome as partners to get to know our students and support them in projects, practical training, thesis or as working student.