

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
  - Insurance included (for non-EU)
  - 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.



**Co-ordination of the EU4M-Consortium  
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Tel.: +34 985 182 570  
www.uniovi.es; Prof. Dr. Constantina Alvarez Peña  
and Prof. Dr. Miguel Angel José Prieto



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www.hs-karlsruhe.de; Prof. Dr. Martin Kipfmüller



**E.N.S. de Mécanique et des Microtechniques (ENSMM)**  
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**Ivanovo State Power Engineering University (ISPU)**  
34, Rabfakovskaya Street, Ivanovo 153003, Russian Federation.  
www.ispu.ru; Prof. Dr. Irina Ermakova  
and Dr. Valeriy Egorov



**Nile University (NILE)**  
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[www.eu4m.eu](http://www.eu4m.eu)



## Joint Master Degree (JMD) in Mechatronic Engineering

- Universidad de Oviedo, Spain
- Hochschule Karlsruhe – Technik und Wirtschaft, Germany
- École Nationale Supérieure de Mécanique et des Microtechniques de Besançon, France
- Ivanovo State Power Engineering University, Russia
- Nile University, Egypt

[www.eu4m.eu](http://www.eu4m.eu)



# Joint Master Degree (JMD) in Mechatronics 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 specialise.

The final semester is dedicated to the master thesis and it can be completed at any of the five partner institutions, at associated partners or within a company.

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

## Teaching Language

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

Language certificates are needed. B1 level is required.

## Specialization



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

## Application

### Who can apply

The EU4M master's course is aimed at highly motivated European and non-European students, holding a bachelor's degree or equivalent (minimum 180 ECTS credits) in Mechanical Engineering, Mechatronics, 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
  - **31<sup>st</sup> of December** for scholarship and extended support
  - **15<sup>th</sup> of July** for self-paying students
- Online application at [www.eu4m.eu](http://www.eu4m.eu)
- Further information at [apply@eu4m.eu](mailto:apply@eu4m.eu)

### Fees

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

### Funding

- Scholarships
  - EACEA: Full Erasmus+ scholarship
  - Students must spend at least one semester in two different EU countries*
  - EU4M Consortium: Reduction of tuition fees
  - Other options: Visit [www.eu4m.eu](http://www.eu4m.eu) >> Scholarships
- Financing by working in the industry for a partner company:
  - One year pause: work full time in a partner company
  - During studies: 8-15 hours per week
- 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.