

## Curriculum & Mobility

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### What is MESCC ?

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[https://www.youtube.com/watch?v=z\\_-1YKc3ud0](https://www.youtube.com/watch?v=z_-1YKc3ud0)

The European Master Course 'Materials for Energy Storage and Conversion' "MESCC" is designed to provide a **2-year (120 ECTS)** education program in **Materials Science and Electrochemistry at 8 universities in 6 countries** : France (Marseille, Toulouse, Amiens), Poland (Warsaw), Slovenia (Ljubljana), Spain (Bilbao), USA (Philadelphia) and Australia (Geelong). These universities host world-renowned, leading research laboratories in the field of energy-related materials.

MESCC received during 10 years, from 2005 to 2015 funding from the European Commission as an Erasmus Mundus Master Course. **Erasmus Mundus** supports **top-quality European Master's Courses** and enhances the visibility and attractiveness of European Higher Education in Third Countries. In 2017, the Erasmus + Erasmus Mundus funding is no longer available for M.E.S.C. but the Consortium worked hard to be supported from 2018 as an Erasmus + Joint Master Degree.

For students who join MESCC, European or non-European, it is also an opportunity to **study in a multicultural environment** since our students come from all over the world. That's why classes are taught in English by professors and researchers who interact through several Research networks, such the Alistore European Research Institute or the French RS2E network.

MESCC Students have mobilities to a minimum of two and a maximum of four different countries.

[> DETAILED SCHEME OF MOBILITY](#)  
[> SKILLS AND LEARNING OUTCOMES](#)

### SEMESTER 1

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#### In France

At the application stage, you will be asked to select the course option for the first semester: Either Aix-Marseille Université in Marseille, or Université Paul Sabatier in Toulouse. During the selection process, depending on your choice, your ranking and in order to respect a balance between Marseille and Toulouse, MESCC Consortium defines the destination of the students selected to join the programme.

[Read more about Semester 1](#)

### SEMESTER 2

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#### In Poland

After the end of the first Semester 1, all the students gather to follow the second semester in Warsaw University of Technology, in Warsaw.

## SEMESTER 3

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### **In France or Spain or Slovenia**

At the beginning of the second year of the Master course, the class is another time split but this time into 3 equal groups. One third spends the third semester in Université de Picardie Jules Verne, in Amiens, another third in Universidad del Pais Vasco, in Bilbao, and the last third in University of Ljubljana. The course option is made during Semester 2, depending on the students' choices, grades and ranking (of Semester 1), and in order to ensure the mobility requirement of European students (minimum of 2 countries different from the country where they obtain their last degree).

[Read more about Semester 3](#)

## SEMESTER 4

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### **Master Thesis**

MESC Students are strongly linked to laboratories and partner companies members of Alistore, who offer them several topics for their 6 months research training (semester 4). It is a good way to implement what they learn during their 2 years Master course and to find a position after graduation.

[Read more about Master Thesis](#)



