

Program for the Mobility

University of Coimbra program for the SM Weld SMS includes **one compulsory course** and **four optional courses**. The optional courses should be selected among a list of subjects considered of interest in the field of welding science and engineering (CWST). **In addition**, the students are also entitled to **select one course**, that they may consider of interest, **from any of the programs offered by the Mechanical Engineering Department of the University of Coimbra (CMEC)**.

In brief, each student should attend five courses (30 ECTS), which can be combined as follows:

- **1 compulsory course + 4 CWST**
- **1 compulsory course + 3 CWST + 1 CMEC**

Program Duration: 5 months (30 ECTS credits)

Location: Department of Mechanical Engineering, University of Coimbra. Portugal

Positions available: 4

Programme start: Early September, 2017

Compulsory course		
Advanced welding technologies (PDM)	6 ECTS	Syllabus
CWST - List of optional courses considered of interest in the field of welding science and engineering (The students should select three or four courses from the list below)		
Materials Science and Engineering (MEM)	6 ECTS	Syllabus
Advanced Characterization Techniques (MEM)	6 ECTS	Syllabus
Materials Selection and Processing (MIEM)	6 ECTS	Syllabus
Advanced Technologies (MIEM)	6 ECTS	Syllabus
Mechanical Technology III (MIEM)	6 ECTS	Syllabus
Computational Mechanics in Technology (MIEM)	6 ECTS	Syllabus
Innovation and Entrepreneurship (MIEM)	6 ECTS	Syllabus
Flexible Production Systems (MEGI)	6 ECTS	Syllabus
Maintenance (MIEM)	6 ECTS	Syllabus
CMEC - Mechanical Engineering Department programs		
Programs available at DEMUC: https://apps.uc.pt/courses/EN/courses/DEM		