

**Title of Masters Course****EuMAS – European Masters Course in Aeronautics and Space Technology****Duration:** 2 years**Course description:**

The Erasmus Mundus Master's Course in Aeronautics and Space Technology is a two-year programme jointly offered by the University of Pisa (Italy), the Technical University of Munich (Germany), the Technical University of Madrid (Spain), the National Higher Education Institute for Aerospace of Toulouse (ENSAE-Supaero) (France), and Cranfield University (UK). It has two study tracks, aimed at providing world-class instruction in either Aeronautical Engineering or Space Technology. The areas of study include structures and mechanics, fluid dynamics, thermal fluid sciences and aerodynamics, air breathing and rocket propulsion, flight dynamics, orbital mechanics and control, aircraft and spacecraft systems, and mission design.

Each Course cycle is hosted in turn by two of the partner universities. The students spend the first year at one location, then move to another location for the second year. The final Master's project is normally carried out at a third location in a university, research centre or industry placement. The course schedule of each academic year is agreed upon by the Master's Course Scientific Board in accordance with the objectives of the Course and the internal organisation of the hosting institutions.

Instruction is in English. The students also have access to language courses as well as lectures and seminars delivered in the local language of the universities. The student class ranges between twenty-five to forty, with a professor/student ratio of just below 1 professor to 1 student. The degree awarded is a double degree, fully recognised in Europe and in most countries worldwide.

The professional qualification that the students acquire on this Course opens the way to careers in the aerospace industry, in government and international organisations involved in aerospace, and in research laboratories. Students who have completed at least three years of undergraduate education in an engineering discipline or in an applied science are eligible to apply.

**Website:**

<http://www.aerospacemasters.org/>

**Partners:**

University of Pisa, Italy (Co-ordinating Institution)  
Technical University of Munich, Germany  
Technical University of Madrid, Spain  
National Higher Education Institute for Aerospace (ENSAE-Supaero), France  
Cranfield University, United Kingdom

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**Grant:**

1 117 000 €(15 000 €consortium + 1 102 000 €scholarships), 2005

1 314 000 €(15 000 €consortium + 1 299 000 €scholarships), 2006

1 146 000 €(15 000 €consortium + 1 131 000 €scholarships), 2007

907 000 €(15 000 €consortium + 892 000 €scholarships), 2008