



# European Postgraduate Master in Aeronautical Engineering

## Modules \*

Introduction to Aeronautical Engineering

### Oostende:

Avionic Systems Engineering and Flight Control \*\*  
Air Transport Economics \*\*  
Spacionic Systems Design  
Noise and Vibration Engineering  
Unmanned Aeronautical Systems

### Bordeaux:

Aircraft Maintenance Management \*\*  
Composite Materials and Maintenance \*\*  
Aircraft Propulsion and Maintenance  
Reliability and Integrated Logistic Support  
Finite Element Dimensioning for Composite Materials

### Hamburg:

Aircraft Design \*\*  
Design of Lightweight Aircraft Structures \*\*  
High Performance Fibre Reinforced Composite Materials  
Aircraft Systems Technology  
Aircraft Systems Integration

### Other Location:

CFD for Aircraft Aerodynamics

\* to be confirmed

\*\* mandatory module

- ★ Part time study programme
- ★ Joint European master programme
- ★ Awards joint/double master degree
- ★ Funded by European Commission



## Target group: Graduates

- with aeronautical engineering degree
- minimum of 4 years of academic training (or equivalent credits) and some years of relevant industry experience

## Study programme:

- 60 ECTS (equivalent to 1 year full time study)
- 10 short courses:
  - duration one week each
  - preparation and homework required
- master thesis
- combined in teaching:
  - academia's and industry's expertise

## Partners in the programme:

- Hochschule für Angewandte Wissenschaften Hamburg
- Katholieke Hogeschool Brugge - Oostende
- Université Bordeaux 1

