**MASTER OF SCIENCE**

*Fluids Engineering for Industrial Processes*

International Master: 2 years / Courses mainly in English

Scientific background:
- Mechanical Engineering
- Chemical Engineering
- Fluids Mechanics
- Numerical analysis

Description of complex phenomena:
- Heat and mass transfer
- Multiphase flows
- Local analysis and Modelling

Industrial applications of the program are related to fluid flows in petroleum, nuclear and chemical engineering, energy transformation... The purpose is concerned with the transport phenomena in multiphase flows (bubbles, drops, and particle suspension).

The students will be trained to work with Computational Fluid Dynamics tools for the Design and Optimisation of Processes

**Keywords:**
- Fluid Mechanics
- Modelling
- Industrial Computing
- Chemical Engineering
- Process/Processing

**Engineers / Experts**
Optimisation of Reactors Performance
Innovative processes (Research & Development)

Registration fees: 9000 €/year
Reduced fees: University partners, n+i, excellent students