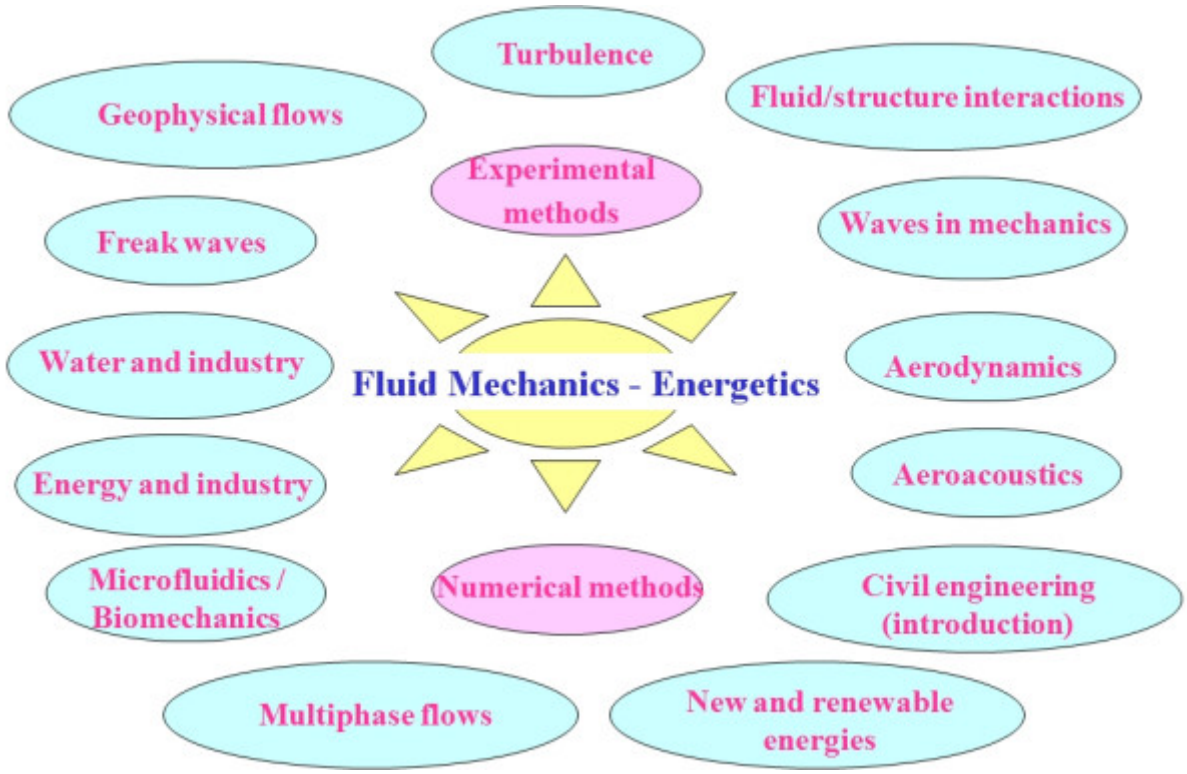
Centrale Méditerranée (final year)

Description of the FETES option content



The following courses are compulsory (24 h each) :

- Aerodynamics
- Experimental methods
- Freak waves
- Geophysical flows
- Instabilities and turbulence
- Multiphase flows
- New and renewable energies
- Numerical methods
- Turbulent transfers
- Waves in mechanics

The following courses are optional; students must choose 2 of them from the list (24 h each) :

- Aeroacoustics
- Biomechanics/microfluidics
- Civil engineering (introduction)
- Energy and industry
- Fluid-structure interactions
- Water and industry

All these courses correspond to 1 credit. In addition, students must also work on a project **(5 credits)** related to fluid mechanics/energy/transport problems/geophysical or wave problems/meteo,

…. Therefore, the scientific topics correspond to **17 credits**.

In addition, as for any student in any final year option, courses of Management, Languages and Engineering practice are compulsory. Altogether, they correspond to **13 credits**.

Finally, the internship (April-September) corresponds to **30 credits**.

The teaching team

For additional information, please contact the person in charge of the option :

Olivier Boiron olivier.boiron@centrale-marseille.fr

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