Master’s degree in energy for sustainable engineering

The mobility of people and objects consumes a large quantity of natural resources, in terms of both materials and energy. energy efficiency, energy sobriety, and decarbonized energies are the keys for a sustainable future.

Mise en avant

This master’s degree offers students multidisciplinary training in the field of engineering applied to energy production, storage, supply, and management, including in particular:

- renewable energy (bioenergy, solar from materials to panels)
- hydrogen production and power-to-gas
- sustainable mobility based on hydrogen, power, or liquid biofuels
- energy efficiency for industrial and service sectors

Take advantage of specialized training and research bench-scale to pilot-scale facilities of the chemical and biochemical engineering laboratory, and of the engineering physics workshops (CAD, soldering, 3D printing, physicochemical properties) of POLYTECH Clermont for project-based learning.

L'essentiel

Nature de la formation

1

Durée de la formation

- 2 years

Lieu(x) de la formation

- Aubière

Admission

Pré-requis

Formation(s) requise(s)

- Applicants should already have passed/validated a bachelor’s degree in Physics, Physical Chemistry, Materials Engineering, Chemical Engineering, or Biochemical Engineering.
- The selection process will be based on the examination of the application file (cv, transcript of the BEng, English language certification). The candidate may be invited to an interview.

Et après ?

Niveau de sortie

Année post-bac de sortie

- Bac +5

Niveau de sortie

- Level 7: Master's degree

Contacts

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Renseignements

Responsable(s) de formation

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Contacts administratifs

Secrétariat de l'École Universitaire de Physique et d'Ingénierie