Master’s degree

International master’s degree in SIMulation and Optimization of Energy Systems (SIMOS)

The ENSGTI offers foreign students a specialized training course in the field of energy, focused in particular on the optimization of energy systems.

Applicants must hold a BSc and have solid knowledge in mathematics, physics, heat transfer, thermodynamics and computer science. Students have the possibility of taking this master’s degree as part of the ERASMUS exchange program.

70% of the classes are taught in English, but the program includes an introduction to the French language and culture. The SIMOS master’s degree is organized into four semesters (120 ECTS credits), three of which take place in France.

In addition to the theoretical knowledge acquired during the first three semesters, students are required to complete an internship in a company or a research laboratory at the end of the course which will allow them to pursue a career in research and development, production or expertise in energy system optimization.

Find out more