The SIGMA engineering school is a public institution under the authority of the Ministry of Education, Higher Education and Research. It was created on 01.01.2016 following the merger of the French Institute for Advanced Mechanics (IFMA) and the National Graduate School of Chemistry (ENSCCF). SIGMA Clermont is member of the French Conference of graduate engineering schools, and the Gay-Lussac Federation, which comprises 20 French chemistry schools. SIGMA is also an associated member of the Mines-Télécom network. SIGMA Clermont offers two degrees in engineering, recognized by the national engineering commission: engineer in chemistry and engineer in advanced mechanics. These degrees are equivalent to a Master of Science. Furthermore SIGMA Clermont, situated in the heart of the Clermont University science campus, is a member of Clermont University and Associates, the local higher education association.

**MAIN PROGRAMMES OF STUDY**
The SIGMA Clermont engineering school offers a wide range of different specializations. Students in chemistry can choose to focus on Fine and Industrial Organic Chemistry (therapeutic chemistry: natural substances and their applications), High Performance Materials or Chemical Engineering. Students studying advanced mechanics may choose between Machines, Mechanics and Systems: Materials and Structures: or Industrial Systems and Logistics. Three additional study tracks allow all students further specializations: international, aeronautics and entrepreneurship.

**RESEARCH**
SIGMA Clermont faculty members conduct their research activities within the framework of three high-level laboratories, in collaboration with the CNRS and Clermont-Auvergne University, and cover a broad range of chemical and mechanical themes. Main axes of research are:
- Antalgic molecules
- Mechanics of materials and structures
- Photochemistry
- Image, perception systems, robotics
- (Bio)organic Chemistry
- Industrial Systems
- Process engineering, energy, bio systems
- Biophysical chemistry for the atmosphere
- Photonics, wave technology, nanomaterials
- Fluorescent materials
- Nanocomposites

**STRENGTHS**
SIGMA Clermont is a human-sized engineering school connected to the business world, with a global and international perspective, close to research and entrepreneurship. It has strong ties with its Foundation and historically with large companies such as Michelin and Limagrain, underlining the importance of an active involvement of the industrial sector in its teaching programmes. Through different internships (42 weeks in total) students develop their professional expertise. Around a quarter of the curriculum is dedicated to human and social skills, economics and languages. Located in Clermont-Ferrand, a city voted “best city for studies” by a national survey in 2016, SIGMA Clermont, with its numerous associations and clubs, offers an active and vibrant student life. The city of Clermont-Ferrand also ranks among the cheapest cities in France for students.

**LOCATION**
Located in the the Massif Central at the gateway to the Volcano Park area, Clermont-Ferrand is the historical capital of the Auvergne region of south-central France. The city is 425 km from Paris, 206 km from Lyon, and 500 km from Marseille. The metropolitan area is home to almost 450,000 people.

**Precise name of the institution**
SIGMA Clermont

**Type of institution**
Public

**City where the main campus is located**
Clermont-Ferrand

**Number of students**
1100

**Percentage or number of international students**
120 étudiants

**Type and level of qualifications awarded**
Degree in chemical engineering and chemistry and degree in mechanical engineering. Master certificate INNOMECH.

**French language courses**
Yes

**Programs for international students**
Yes - Dual-degree programs on Master level

**Programs in English**
Yes - 1 year Master program "INNOMECH" in the areas of advanced materials and the design and control of complex systems (with a particular focus on industrial machines and robots).

**Registration fees/year**
(for information only)
3770€ for the engineering program : 8000€ for the INNOMECH Master (a partial tuition waiver may be applied)

**Postal address**
International Office - Campus des Cézeaux CS 20265 - 63178 Aubiere CEDEX FRANCE

http://www.sigma-clermont.fr