



PARIS

INSTITUT INTERNATIONAL DE L'ÉNERGIE NUCLÉAIRE



I2EN is the contact point for international demand for French training in nuclear energy and engineering. The mission of the institute is to promote among France's foreign partners optimal training solutions for the development of human resources in the field. I2EN receives and analyzes requests for nuclear training from foreign countries. In cooperation with its partners, the institute develops specific training solutions. It also responds to demand on the part of individual students and groups of students and professionals seeking initial or additional training to enhance their skills in the field. www.i2en.fr

◆ MAIN PROGRAMMES OF STUDY

Today, just over 20 French schools and universities offer nuclear programs at the master's level or above. These programs span a wide range of specialties, a selection of which is provided on the I2N Web site (www.i2en.fr) and in a training brochure available on request (send a message to contact@i2en.fr requesting the Mémento Formation). As an essential part of its mission, I2EN maintains an exhaustive database of French nuclear training programs. Nearly 30 master's level programs contain content equivalent to 20 ECTS credits in the competencies required for nuclear engineering chief among them reactor physics, thermohydraulics, design and operation, the physical chemistry of the fuel cycle, materials physics, waste management, dismantling of facilities, and radiation safety and security. Targeted professional programs are also available from the Institut National des Sciences et Techniques Nucléaires (INSTN), as well as from schools of engineering and from corporations.

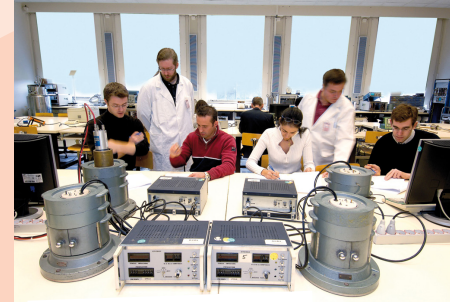
◆ STRENGTHS

Established by the French government in 2011 at the request of the president, I2EN represents the key players in the French nuclear energy field. Its 27 partner institutions include universities, schools of engineering (grandes écoles), energy companies and equipment manufacturers, research bodies, and government agencies. The experience of world leaders in the field

French training programs in nuclear energy rest on the experience gained in the course of the expansive nuclear program that France has operated for more than half a century. More than 75% of France's electricity comes from nuclear reactors. EDF (Electricité de France) is the world's largest operator of nuclear power plants, with 58 reactors producing more than 63 GW of electrical power. AREVA is the world's leader in nuclear technologies and services, with the capacity to produce reactor vessels, fuel-cycle components, mining equipment, and tools for recycling and packaging nuclear waste. France possesses a large R&D sector devoted to energy in general, and to nuclear energy in particular, an effort managed by CEA, the French commission for atomic and alternative energy.

◆ LOCATION

I2EN is located on the Paris-Saclay technology campus. I2EN is housed within the Institut National des Sciences et Techniques Nucléaires (CEA-INSTN), which is also the site of international master's programs in atomic energy and nuclear engineering.



IDENTITY FORM

- ◆ **Precise name of the institution**
Institut international de l'énergie nucléaire
- ◆ **Type of institution**
Public
- ◆ **City where the main campus is located**
Paris
- ◆ **Type and level of qualifications awarded**
Thirty programs in nuclear engineering
- ◆ **French language courses**
Yes
- ◆ **Programs for international students**
Yes
- ◆ **Programs in English**
Yes
- ◆ **Postal address**
Paris-Saclay-Campus/Site du CEA
Saclay - Building 395 - F91191 Gif-sur-
Yvette Cedex

<http://www.i2en.fr>

Member of Campus France Forum