

Why study chemistry in France?

A steadily growing sector, the chemical industry accounts for 14% of overall French exports, making it France's largest export branch. It is also the fourth largest domestic industry, following aeronautics and space, food processing and pharmaceutical manufacturing¹. Driven by world-renowned companies (Air Liquide, Total, Saint-Gobain, Arkema, Sanofi, Michelin, Roquette, etc.), the French chemical industry (including the pharmaceutical sector) ranks fifth in the world behind the United States, Japan, Germany and China¹.

France's outstanding contribution to chemistry is recognized worldwide, as is reflected in the many prestigious awards (Nobel Prize, Davy Medal, etc.) granted to French scientists: Henri Moissan (1906), Marie Curie (1911), Victor Grignard and Paul Sabatier (1912), Frédéric Joliot-Curie and Irène Joliot-Curie (1935), Jean-Marie Lehn (1987), Yves Chauvin (2005) and recently in 2016 Jean-Pierre Sauvage.

Careers

Pharmaceuticals, cosmetics, agriculture, synthetic materials, metal industry, electronics, aeronautics, health, etc.: any field that involves the processing of materials relies on chemistry for the manufacturing of a wide range of products, from plastics to paint, make-up and beauty care products, adhesives, medications, flavourings and plant protection products.

Nowadays, industrial chemistry also encompasses environmental protection as well as the application of the precautionary principle.

n+i engineering institutes

CPE Lyon, ENSAIA, ENSGTI, ENSIACET, ENSIC, ENSICAEN, ENSIL, ENSTBB, ESCOM, HEI, INSA Toulouse, ITECH, Polytech Orléans, Polytech Paris Sud, SIGMA Clermont, etc.

Keywords

Chemical engineering – chemistry – environment(al) – materials – plastics/polymer – product/production – etc.

Companies

- <https://industrie.airliquide.fr/>
- www.total.com
- www.saint-gobain.fr
- www.arkema.fr
- www.michelin.com
- www.sanofi.fr
- www.roquette.fr



Photos and videos

- www.youtube.com/watch?v=eT8leNeSWCk
- www.youtube.com/user/sanofiaventisTVfr
- <http://www.seppic.com/legroupe/groupe-air-liquide-/541/view-2891-category.html?lang=fr>
- <http://videotheque.cnrs.fr/index.php?urlaction=docListe>

Programs index online: www.nplusi.com/program-search

¹ CNRS, <http://www.cnrs.fr/inc/industrie/France.htm>