The energy transition aims to find substitutes for oil & gas by emphasizing on technological innovation. Nevertheless, the economic and financial challenges faced by these sectors cannot be ignored. Our Energy Technology Economics and Management program will provide you with multifaceted expertise, recognized for the ability to fully grasp the economic challenges within the sector. You will receive customized training developed in cooperation with renowned international academic partners, and you will work within a multicultural environment that will advance your career on an international scale. Energize your potential!

**PARTNER INSTITUTIONS**

- **Double degree**
  - Colorado School of Mines (USA)
  - University of Oklahoma (USA)
  - Texas A&M University (USA)
  - Gubkin University (Russia)

- **Single degree**
  - University of São Paulo (Brazil)
  - China University of Petroleum-Beijing (China)
  - Audencia Business School (France)
  - ESSEC Business School (France)
  - Skolkovo Institute of Science and Technology (Russia)
  - University of Dundee (UK)

**CAREER OPPORTUNITIES**

- Energy business & economics
- Strategic management & marketing
- Management consulting & analytics
- Energy finance, banking & trading
- Energy techniques & engineering

**Find out more:** [www.ifp-school.com](http://www.ifp-school.com)
TYPICAL CLASS PROFILE/ MAIN SPONSORS

Students in this program are either self-financed or sponsored by companies (through sponsorships or study leave) that finance their living expenses during their academic period and contribute towards their tuition.

Among these companies, the following have been IFP School partners in recent years (non-exhaustive list):
Axens, Cepsa, EDF, Engie, Gazprom, Pemex, Perenco, Saudi Aramco, Schlumberger, TechnipFMC, TotalEnergies.

PROGRAM SCHEDULE

The two examples of schedules shown below correspond to the most frequently encountered cases for students in this program: 16-month program for students with a 4- or 5-year degree, with two terms on the partner’s campus (CSM, OU, TAMU, Gubkin) to obtain a double-degree, or with one term on the partner’s campus (all other partner institutions) and a placement period in a company for the IFP School single-degree track.

PROGRAM CONTENT

> The courses at IFP School are built on 3 major themes

Business and management
- Business accounting
- Strategic management & marketing
- Consultancy project/term paper

Quantitative tools
- Decision science & optimization
- Financial econometrics & forecasting
- Energy systems modeling

Energy
- Energy geopolitics
- Upstream management
- Project evaluation & portfolio management
- Mid- and downstream business
- Natural gas economics & management
- Electricity management & digitalization
- Environmental economics & renewables
- Energy markets & trading
- Petroleum engineering
- Refining & process engineering

> Courses in the partner institutions

When attending two fall terms in one of the following institutions, successful students are awarded two degrees.

Colorado School of Mines
Courses in the MS Mineral and Energy Economics such as: micro/macroeconomics, mineral asset valuation, energy economics, etc.

Texas A&M University
Courses in the M Eng in Petroleum Engineering such as: reservoir engineering, fluid flows, drilling, production, EOR, etc.

The University of Oklahoma
Courses in the MBA program such as: managerial economics, financial markets, business strategy, marketing, etc.

Gubkin University of Oil & Gas
Courses in the Master of Economics such as: micro/macroeconomics, petroleum economics, mathematics and statistics, etc.

When attending the first fall term in one of the following institutions and doing a placement period of at least 4 months in a company/institution in accordance with their professional project (during the second fall term), successful students are awarded the IFP School Master’s degree.

Courses at U. São Paulo, CUP-Beijing, Audencia, ESSEC, Skoltech, Dundee: for the fall term in the chosen partner institution, students are allowed to choose between all the graduate level courses available to them (core and elective courses) according to their professional/academic project. Students must refer to the partner institution’s catalogues for course selection.

Find out more: www.ifp-school.com