



IFP-SCHOOL

Petroleum Economics and Management (PEM program)
www.ifp-school.com

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IFP School PEM



WELCOME TO THE IFP SCHOOL

The Petroleum Economics and Management (PEM) program information booklet aims to answer the many questions you may have concerning the application procedures for the IFP School and life in France. It also covers a range of other details aimed at reducing the stress of entering a new course of study and a country.

ABOUT THE COURSE

What does the program offer to its participants?

This course covers the principal economic management and analysis techniques used in the oil, gas & energy sectors. The course is open to both engineering & business school graduates. During the program the participant is exposed to the multicultural nature of the industry with a multinational classroom and semesters spent in the partner university.

The PEM program is organized in collaboration with the following partner universities (PU):

- Audencia School of Management - Nantes (France)
- BI Norwegian School of Management (Norway)
- CEPMLP – University of Dundee (Scotland)
- Colorado School of Mines (USA)
- ESCP – EAP (France)
- ESSEC (France)
- Oklahoma University (OU)
- Texas A&M (USA)

For some of the partner universities (PU) dual degrees are possible.

This may require dual applications

- Colorado School of Mines
- Oklahoma University
- Texas A&M

COURSE OBJECTIVES

- To introduce the participant to the multidisciplinary and multicultural world of the international energy industry
- To give the participant an understanding of the upstream and downstream petroleum sectors
- To ensure the participant can use the main management and decision-making tools
- To be able to perform quantitative analyses of the energy sector

WHO SHOULD APPLY TO THE COURSE?

The PEM course takes participants from both the Engineering and Business backgrounds, recent graduates and professionals, all with strong quantitative and qualitative skills and a desire to enter the challenging oil & gas industry.

QUICK FACTS

Language of instruction:	English
# of Class participants:	25 – 35
Background of program participants:	Engineers and non-Engineers Recent Graduates (Bachelor / Master level) & Professionals
Program length: <i>(Dependent on participants' background and Partner University)</i>	11 – 22 months
Program Start date	3 rd week of August or 1 st January

FEES & FINANCING

Application Fee:	None
Registration Fee (IFP School):	€0
Cost of living:	Dependent on country but estimate approx. €1000/month
Insurance	EU insurance required

Tuition Fees	FEE
➤ Recent Graduates from universities & no professional experience, applying individually	None (IFP School)
➤ Professionals <i>*(accommodation and travel expenses not included)</i>	€25,000*
➤ Entrants from partner universities	See PU website

It should be noted that in the partner University, additional fees may be applicable

Text Books

- IFP School: textbooks provided (100 € refundable)
- In the partner University: textbooks may be required (75 – 100 €/book)

If not mandatory, a laptop is strongly recommended.



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APPLICATION PROCEDURES

Accepted from: 3rd Week in November
Deadline: 30th March
Admission Board: Mid May
Notification of Admission on the website
<http://www.ifp-school.com/>

The application forms are available on the IFP School website at
www.application.ifp-school.com

NOTE:

Applications should be sent on the earliest possible date to ensure interviews with staff members (in Paris or by telephone) can be organized

For queries concerning your application documents please email contact-ifpschool@ifp.fr

FORMS / CERTIFICATES NEEDED TO APPLY

When online you will be asked to fill out an electronic form, this will require your personal details and **you will need to upload your:**

- Photo - (jpg, gif - Max: 100 KB)
- Application / Motivation letter - (Max : 100 KB)
- CV - (doc; rtf; PDF - Max: 100 KB)
- Additional document – (Max: 200 KB)

NOTE:

The motivation letter should emphasize these qualities through proven academic or professional achievement. As with any management course, good communication skills and strong leadership potential are an advantage and these qualities will be encouraged throughout the program.

The additional document contains questions concerning:

- Previous studies
- Motivations & Interests
- References

Once the electronic application forms have been submitted you must send by post a copy/(ies) of your:

- Passport or ID card
- Certificates of proficiency in English
- GRE results
- University degrees*
**(and/or an attestation of attendance at an educational establishment)*
- Detailed records of your results attained in higher education** (Transcripts)
*** (grades, ranking, final GPA)*

With a cover note giving your application number, course, name and course choice.

Evaluation of Application is based on the applicants' academic background, their potential motivations, internships or professional experience, multicultural interests, etc.

IMPORTANT

All official transcripts (from previous educational or professional institutions) must be translated into **FRENCH or into ENGLISH**

Application Success rate

Approximately 1 in 10 applications to the PEM Course are successful. IFP School selects between 10 – 15 students every year, with rest selected from our partner universities.

ENGLISH PROFICIENCY

For the PEM program, a high level of English is required (TOEIC/TOEFL and GRE/GMAT).

NOTE:

Proficiency scores should be less than 2 years old. TOEIC/TOEFL is not required if the candidate has a degree from an English speaking university.

GRE / GMAT

What are they?

The "GRE® General Test" and the GMAT® are measures of verbal reasoning, quantitative reasoning, critical thinking, and analytical writing skills that have been acquired over a long period of time and that are not related to any specific field of study". We accept GRE scores from tests taken within the past five years.

The scores are one measure of your potential for academic success in a graduate business program.

How to apply to the GRE/GMAT examinations?

For the GRE test please view their website (www.ets.org) to enroll in the examination centre nearest to your place of residence. The cost may vary from year to year but you can expect the cost to be in the region of **US\$160 plus tax.**

For the GMAT test please view their website (www.mba.com) to enroll in the examination centre nearest to your place of residence. The cost may vary from year to year but you can expect the cost to be in the region of **US\$250 plus tax.**

Code number of IFP School: 7084

What results do I need?

TOEFL: 213 computer based

GRE: at least 20% in Verbal if international student, 40% if native English speaker and 70% in Quantitative + Quantitative + Verbal > 1100.



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FINANCIAL ASSISTANCE/SCHOLARSHIPS

Scholarships are available for the recent graduates to pay the tuition fees in the partner university but there is no scholarship awarded for the living expenses; therefore the IFP School recommends that the applicant applies directly to companies, governments or other organizations for financial assistance before commencing the program.

There is no scholarships for professionals sponsored by their company

Cost of living/Accommodation allowances

It may be possible for some participants to receive cost of living / rent allowances from governmental organizations in the country in which the participant is living.

The availability and amount of this assistance is based on each participant's background and the cost of their lodgment.

Visas / Insurance

Contact **Martine Le Bail** (martine.le-bail@ifp.fr) for assistance.

ACCOMMODATION & WELCOMING OFFICE IN FRANCE

For those course participants requiring assistance to find accommodation in France, requests must be sent to the accommodation and welfare office upon notification of acceptance to the program.

Contact **Clelia Tomasi**, clelia.tomasi@ifp.fr

Please include the:

- Applicants name & name of the program (PEM)
- type of accommodation required
- price range
- traveling distance/time from the school
- dates of arrival and departure.

Requests must be sent to RESIDENCE-IFPSCHOOL@IFP.fr

NOTE:

Due to the large number of students, requests will be dealt with on a first come first served basis.

Notification

Notification of accommodation availability (for the start of the 2nd term) from the Accommodation & Welcoming office should arrive before the 2nd week in November, if you have not received any notification since the original application please contact the office immediately.

For those course participants studying in other French universities, notification of accommodation availability will arrive 1 month in advance of the 1st term.

NOTE:

*Upon notification, it is the responsibility of the course participant to accept or reject the offer; all **reasonable** efforts will be made to find suitable accommodation for the participant.*

Accommodation offices in the Partner Universities

For those course participants requiring assistance to find accommodation when attending the PUs, applications should be made directly to the Partner University's Accommodation office through their websites. A list of PU websites/email addresses is given at the end of this booklet.



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APPLICANT TYPES

Recent Graduates (1):

If the course participant is undertaking a double diploma then the participant will return to the partner university to complete a second Fall term.

(Total duration: 16 months; Credits: 90 ECTS)

Degree(s) awarded:

- Partner University's Degree &
- Masters degree in Petroleum Economics (DNM) or Diplome d'Ingénieur (DI – engineering degree) if the students' previous education is in accordance with the French "Commission des Titres d'Ingenieurs" and with an experience of at least 4 months in a company.

Recent Graduates (2):

If the course participant is a recent graduate from a French **engineering school** with which an agreement exists, with only 4 years of higher education (BAC +4) and **one year spent in a company during the studies (année de césure)**, then the participant will return to the partner university to complete a second Fall term and for the completion of the program he must undertake a work placement for 6 months.

(Total duration: 22 months; Credits: 105 ECTS)

Degree(s) awarded:

- Partner University's Degree &
- Diplome d'Ingénieur (DI – engineering degree)

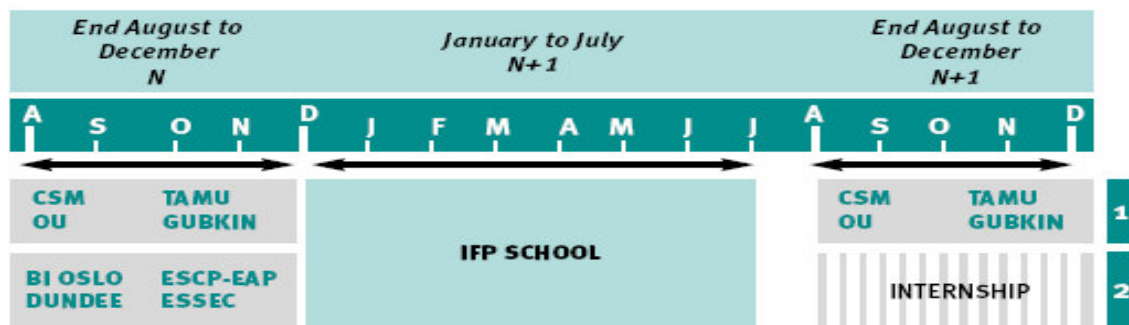
Recent Graduates (3):

If the course participant is undertaking the IFP School degree only and is a recent graduate with 4 or 5 years of higher education, the 2nd fall term must consist of an internship within a company or direct entry into a full time employment. On the completion of the work placement, a concise report must be written on the time spent in the company.

(Total duration: 16 months, Credits: 95 ECTS)

Degree(s) awarded:

- Masters degree in Petroleum Economics (DNM) or Diplome d'Ingénieur (DI – engineering degree) if the students' previous education is in accordance with the French "Commission des Titres d'Ingenieurs" and with an experience of at least 4 months in a company.



1 IFP School's degree and the partner university's degree.

2 IFP School's degree.

One term = 4 months.



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PEM COURSES IN FRANCE

Credits:

At least **24 US Credits – 40 ECTS** are required during the Spring and Summer Terms. A list of the courses is given in table 2 below.

The 4 month work placement gains **20 ECTS** credits and a term in a Partner University gains **20 ECTS** credits.

Compulsory courses in France:

1	2	3
PEM 5	PEM 9	PEM 13
PEM 6	PEM 10	
PEM 7		
PEM 8		

1: compulsory for all students

2: compulsory for TAMU students and to get the "Dipôme d'ingénieur"

3: compulsory for the CSM students and also [Statistics and Microeconomics](#).

What opportunities can the PEM Program offer the applicant?

Previous IFP school graduates have a high job placement rate; in particular PEM graduates receive offers in three sectors:

- Oil & gas companies
- Energy & service companies
- Consulting, banking and international organizations (such as the UN, IEA).

The participants take with them a thorough understanding of the energy industry, and the dynamics of its technological, political, economical and environmental challenges.

Many graduates have gone on to work for BP, Total, ExxonMobil, Shell, Gazprom, Lukoil, Statoil, Societe Generale, Saipem, Morgan Stanley, Government Organisations (e.g.

Finance, Energy ministries, etc) to name just a few.

FOR FURTHER INFORMATION ON THE PARTNER UNIVERSITIES

- **Audencia School of Management - NANTES (France)**

Website: <http://www.audencia.com/index.html>

- **BI Norwegian School of Management (Norway)**

Website: International Relations Office:

http://www.bi.no/templates/seksjonsforside2_29754.aspx

Email:

International.office@bi.no

- **CEPMLP – University of Dundee (Scotland)**

Website: <http://www.dundee.ac.uk/cepmlp/>

- **Colorado School of Mines (USA)**

Websites:

International Students:

http://www.mines.edu/admiss/grad/intl_students.htm

Admissions Office :

http://www.mines.edu/admiss/grad/departments/petroleum_economics_mgmt.htm

- **ESCP – EAP (France)**

Website:

<http://www.escp-eap.net/>

- **ESSEC (France)**

Website:

<http://www.essec.edu/home>

- **Oklahoma University (USA)**

Website

<http://www.sec.ou.edu/mee/>

- **Texas A&M (USA)**

Websites:

<http://admissions.tamu.edu/>

<http://international.tamu.edu/>

PEM COURSES (SPRING & SUMMER TERM)

Teaching Unit	T	Hours	US/ECTS Crédits
Business and Management			
PEM 1: Business Accounting	1	56	3 - 5
PEM 2: Organizational Behavior	1	47	2 - 3
PEM 3: Strategic Marketing & Management	2	33	2 - 3
Oil and Gas			
PEM 4: Energy Economics & Development	1 + 2	33	2 - 3
PEM 5: Energy Geopolitics	1	44+6	2 - 3
PEM 6: Upstream Management	1	66	3 - 5
PEM 7: Downstream Management	2	36+62	4 - 6
PEM 8: Commodities Markets & Trading	2	36	2 - 3
PEM 9A&B: Reservoir Engineering	1	48+45	4 - 6
PEM 10: Refining	2	37	2 - 3
Quantitative Tools			
PEM 11: Efficiency Analysis	1	31	2 - 3
PEM 12: Linear Programming	2	17	1 - 2
PEM 13: Advanced Econometrics	2	42	2 - 3
Research Paper	1		1 - 1



IFP School Website :
<http://www.ifp-school.com>

VISA / RESIDENCE PERMIT / INSURANCE

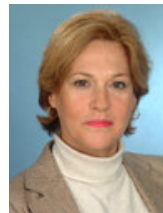
Martine Le Bail, martine.le-bail@ifp.fr



ACCOMMODATION & WELCOMING OFFICE IN FRANCE

RESIDENCE-IFPSCHOOL@IFP.fr

Clelia Tomasi, Clelia.Tomasi@ifp.fr



NOTE:

Due to the large number of students, requests will be dealt with on a first come first served basis.

PEM ADMINISTRATIVE QUESTIONS

Marie Henry, marie.henry@ifp.fr



FOR ACADEMIC PURPOSE ONLY

Head of the Program : Dr Emmanuel Hache,
emmanuel.hache@ifp.fr



Professor : Olivier Massol, Olivier.massol@ifp.fr

