



# MSc in Energy Management



IT ALL STARTS HERE

BERLIN | LONDON | MADRID | PARIS | TURIN | WARSAW

## ESCP quick facts

6

ESCP campuses in Berlin,  
London, Madrid, Paris,  
Torino and Warsaw

The World's

1st

Business School (est. 1819)

Over 130

academic alliances  
in Europe and the World  
in 47 countries

6,300+

students in degree  
programmes representing

120

nationalities

**Multi-accredited:**  
**AACSB, EQUIS, EFMD**  
**MBA, EFMD MBA**

Over 160

research-active professors  
representing over  
30 nationalities

**A full portfolio:**  
**Bachelor, Masters,**  
**MBA, PhDs and**  
**Executive Education**

60,000

active alumni in over  
150 countries worldwide

5,000

high-level participants in  
customised trainings and  
executive education



## Programme objectives

The MSc in Energy Management provides students with a holistic, 360-degree view of the energy business. It covers renewable and alternative energy, electricity markets and oil business, as well as gas and LNG markets, focusing on enabling participants with the essential toolkit to manage real-life energy projects as the industry enters a transition period.

This programme is specifically designed to provide students with the ability to develop and implement strategies to address major issues in energy regulation and policy, and to understand the energy business environment and its fundamental economic and technological concepts.

### Your Academic Director



*Dr. Georgia Makridou*  
**Assistant Professor in Energy  
Management**  
**ESCP London Campus**





# MSc in Energy Management

This master programme is the right choice if you want to:

- Develop solid general management skills with a focus on energy-related case studies
- Understand the energy business environment and its fundamental economic and technological concepts
- Gain the ability to develop and implement strategies to address major issues in energy regulation and policy
- Develop in-depth knowledge of energy technologies, industries and markets
- Become a future energy leader equipped with key skills to manage energy transition and tackle any challenges related to energy business
- Prepare to take on major responsibilities in tomorrow's economic environment by developing a personal vision of the globalised economy
- Develop a thorough and practical approach to managerial issues and resources related to the energy industry

## Why choose this programme?

### 1 360-degree energy coverage

The programme covers renewable and alternative energy, electricity markets and oil business, as well as gas and LNG markets, focusing on enabling participants with the essential toolkit to manage real-life energy projects as the industry enters a transition period.

### 2 Specialisation tracks

Students have an option to choose from two specialisation tracks: FINANCE & INVESTMENT OR PROJECT MANAGEMENT & CONSULTANCY.

### 3 Hands-on experience

This MSc focuses on enabling students with as much practical experience as possible, featuring multiple skill-building workshops with industry practitioners, a 12-week Company Consultancy Project and a minimum 4-month-long internship/direct employment experience.

### 4 Employability focus

The programme is focused on equipping students with key skills for an outstanding career related to energy. Top three graduate job titles: Consultant, Analyst and Project Manager. Top three recruiting industries: Energy (35%), Banking & Finance (24%) and Consulting (18%).

## Programme at a glance

9 months of full-time, on-campus study in London (6 months) and Paris (3 months).

This includes:

- Practical seminars, guest talks and workshops
- Real-life Company Consultancy Project (8-12 weeks)
- Energy Trading Challenge

9 months of professional development that can be completed anywhere in the world:

- Integrated Professional Experience (job/ internship)
- Professional Master thesis



# Your curriculum

## Sept-Dec Term 1

### LONDON

#### Induction Week

- Seminar in Business Statistics
- Seminar in Data Analysis

#### General Management

- Principles of Finance
- Corporate & Business Strategy

#### Energy Fundamentals

- Oil & Gas Business
- Renewable Energy
- Electricity Markets

#### Managerial Challenges in Energy

- Sustainability, Geopolitics & Energy
- Energy Trading

#### Professional Development

- Seminar in Business Consulting
- Workshops
- Optional French language classes (Beginner / Intermediate)

## Jan-Mar Term 2

### LONDON

#### General Management

- Operations & Supply Chain Management

#### Energy Fundamentals

- Energy Markets & Other Commodities
- Energy Policy

#### Managerial Challenges in Energy

- Project Financing & Evaluation
- Energy Risk Management

#### Professional Development

- Energy Trading Challenge
- Seminar in Blockchain Technology
- Workshops
- Optional French language classes (Beginner / Intermediate)

# Programme Objectives

#### ■ General Management

Develop solid general management skills with a focus on energy-related case studies.

#### ■ Energy Fundamentals

Acquire essential energy industry-specific knowledge and a solid understanding of energy technologies, market mechanisms and policies.

#### ■ Managing Challenges in Energy

Develop skills and the strategic mindset to cope with the managerial challenges energy companies and institutions are facing.

#### ■ Professional Development

Equip participants with the necessary skills, techniques and practical experience in managing real-life energy projects.

# Your curriculum

**Apr-Jun**  
**Term 3**

**PARIS**

## General Management

- Energy Economics

## Energy Fundamentals

- Gas & LNG Markets
- Entrepreneurship & Innovation

## Managerial Challenges in Energy

- Digitalisation & Energy Transition

## Professional Development

- Company Consultancy Project (8-12 weeks)
- Seminar in Energy Security & International Politics
- Seminar in Research Methods
- Workshops

## TERM 3 SPECIALISATION TRACKS

### TRACK 1: Finance & Investment

- Portfolio Management
- Asset Management

### TRACK 2: Project Management & Consultancy

- Operational Risk & Crisis Management
- Leading & Transforming Energy Companies

## WORKSHOP EXAMPLES\*

- Coding
- Clean Energy Management Software
- Industry 4.0
- Project Management
- Big Data
- Power of Artificial Intelligence in Microgrids
- Agile Management

\*Subject to annual confirmation

**July-April**  
**Professional Experience**

**WORLDWIDE**

Professional Master Thesis

Internship / Direct Employment  
(Minimum 4 months)



## Strong support from the energy industry

### Energy Management Centre

You will be exposed to numerous professional networking opportunities via our Energy Management Centre.



### Global Association of Risk Professionals Accreditation

Since 2017, the MSc in Energy Management is accredited by the Global Association of Risk Professionals, as an ERP Academic Partner.



**All courses are taught in English.**





## Key facts

- ③ Degree: Master of Science (MSc)
- ③ Credit points: 90 ECTS
- ③ Study Locations: London and Paris
- ③ Language: English
- ③ Duration: 18 Months
- ③ Start: September 2020

## Career Opportunities

This Master will be suitable for those who are considering a career in:

- Energy Industry (any function)
- Investment Banking
- Trading
- Asset/Portfolio Management
- Consulting/Project Management
- Risk Management
- Energy Policy
- Market/Business Analysis
- Brokering
- Operations

## Top 3

graduate job titles:



Consultant



Analyst



Project Manager

## €40,000

Worldwide average starting salary

## 83%

were employed within 3 months of graduation

## Employment Sectors



### 35%

Energy

(Oil & Gas - 16%; Renewable Markets & Electricity - 17%; Energy Trading Companies - 2%)



### 24%

Banking & Finance



### 18%

Consulting



### 5%

Technology & Internet



### 5%

Government & International Affairs



### 2%

Automotive & Transportation



### 11%

Other

(Aerospace, Agriculture, Construction & Urban Planning, Engineering, Maritime, Non-profit, etc.)

(Based on all intakes)

### COMPANIES HIRING

E.ON - Total - EDF - Engie - Schlumberger - Wood Mackenzie - Schneider Electric - KPMG - Deloitte - BNP Paribas - Ernst & Young - Goldman Sachs - Société Générale - JP Morgan - Uniper among others...



## Admission requirements

- Bachelor degree in any discipline (preferably 240 ECTS)
- A minimum of 12 months of work experience (including internship), preferably in areas related to energy, business or management
- Two references (ideally one academic, one professional)
- Motivation letter
- Advanced English proficiency level: C1

## 2020 fees

- Tuition fees: £21,500 (all students, EU and non-EU). Travel and accommodation costs are not covered by the fees.
- Application fee: €130

## How to apply

1



**ONLINE APPLICATION**  
[WWW.ESCP.EU](http://WWW.ESCP.EU)

2



**PROFILE EVALUATION**

3



**PERSONAL INTERVIEW**  
IF ELIGIBLE

## Your contact



*Viktorija Nikitina*  
**Marketing & Recruitment Manager**  
[msc.energy@escp.eu](mailto:msc.energy@escp.eu)  
+ 44 (0)20 7443 8873



# MSc in Energy Management

ESCP is multi-accredited.



## **BERLIN**

Heubnerweg 8 - 10  
14059 Berlin, Deutschland

## **LONDON**

527 Finchley Road  
London NW3 7BG, United  
Kingdom

## **MADRID**

Arroyofresno 1  
28035 Madrid, España

## **PARIS RÉPUBLIQUE**

79, av. de la République  
75543 Paris Cedex 11, France

## **PARIS MONTPARNASSE**

3, rue Armand Moisant  
75015 Paris, France

## **TURIN**

Corso Unione Sovietica, 218 bis  
10134 Torino, Italia

## **WARSAW**

c/o Kozminski University  
International Relation Office  
57/59 Jagiellońska St.  
03-301 Warsaw, Poland