



Oil and Gas Courses

**Preparing
you for a
successful
career**

94%
employability
or further
study rate

Source: DLHE 2009/10



**Number 1
UK university
for European
placements**

Source: Ecorys 2011



New Engineering Building

**2011
THE AWARDS
WINNER**

**ENTREPRENEURIAL
UNIVERSITY OF THE YEAR
&
OUTSTANDING SUPPORT
FOR STUDENTS**

**“I like the interactive
teaching style at
Coventry. The seminars
and group discussions,
give you a chance to
share your opinions with
other students.”**

*Zhonjiang Zhang, China,
MSc Oil and Gas Management*



**In the top
3 modern
universities
in England**

Source: NSS 2011

**Become
a global
graduate
in a global
community**

**Number 1
UK university
for working
with business**

Source: HE-BCI 2009-10

**“I chose the MBA Oil
and Gas Management
course because it is
uniquely structured with
employers input, which
makes graduates more
marketable in the global
job market.”**

*Munira Abubakari, Ghana
MBA Oil and Gas Management*

Welcome

Quality teaching, employable graduates, strong links with industry and an innovative and dynamic approach to learning – just a few highlights of studying with Coventry University.

Over 20,000 students, including 5,000 international students from more than 130 countries study on our diverse and vibrant campus. The University is an extremely popular destination for international students wishing to study Oil and Gas related courses.

Our curriculum is reinforced with modules specifically tailored to provide all students with essential employability skills. With a wide range of courses across two campuses, one in London and the other in Coventry, Coventry University is the first step towards your future career.

We look forward to welcoming you to Coventry University!

- City centre campuses in Coventry and London
- Courses with sandwich or work experience options available
- Pre-sessional English courses
- Foundation programmes
- Scholarships and discounts available
- Flexible intakes

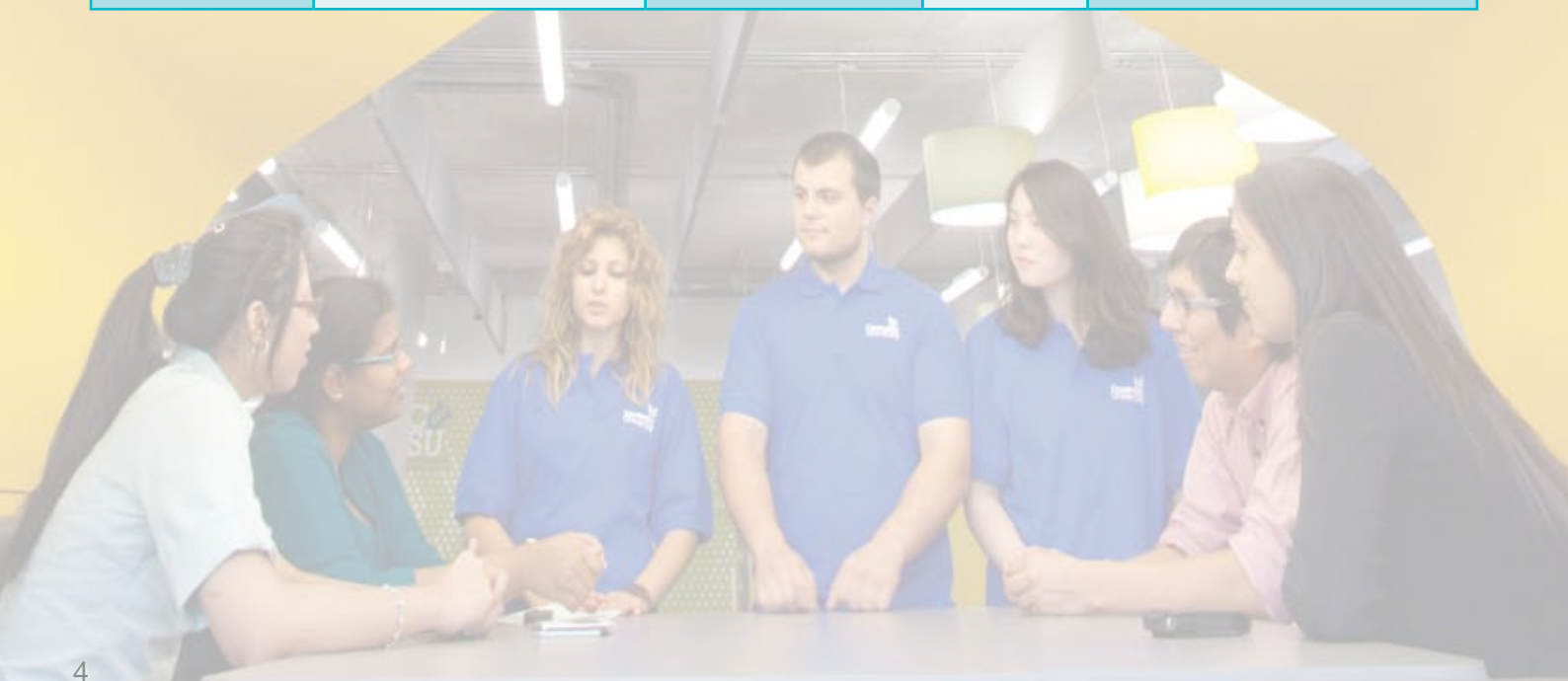


Undergraduate Courses

Qualification	Course	Duration	Campus	Further information
BSc	Disaster Management	3 Years or 4 Years with professional training year	Coventry	www.coventry.ac.uk/bes/ged
BSc	Disaster Management and Emergency Planning	3 Years or 4 Years with professional training year	Coventry	www.coventry.ac.uk/bes/ged
BSc	Geography and Natural Hazards	3 Years or 4 Years with professional training or year of study at a European University	Coventry	www.coventry.ac.uk/bes/ged
BSc	Oil, Gas and Energy Management	3 Years or 4 Years with sandwich or study abroad	Coventry	www.coventry.ac.uk/bes/ged

Postgraduate Courses

Qualification	Course	Duration	Campus	Further information
MSc	Disaster Management	1 Year	Coventry	www.coventry.ac.uk/bes/ged
MSc	Emergency Planning and Management	1 Year	Coventry	www.coventry.ac.uk/bes/ged
MA	International Relations: Oil and Gas Security	1 Year	Coventry	www.coventry.ac.uk/postgraduate
MSc	Environmental Management	1 Year	Coventry	www.coventry.ac.uk/bes/ged
MSc	Oil and Gas Engineering	1 Year	Coventry	www.coventry.ac.uk/bes/ged
MSc	Oil and Gas Management	1 Year	Coventry	www.coventry.ac.uk/bes/ged
MBA	Oil and Gas Management	1 Year	London	www.coventry.ac.uk/londoncampus
MSc	Petroleum and Environmental Technology	1 Year	Coventry	www.coventry.ac.uk/bes/ged



BSc Oil, Gas and Energy Management (Coventry Campus)

The rate of exploration and development of the world's energy resources is increasing rapidly. This course will prepare you for a successful career in the international energy industry, specialising in the oil and gas sector.

Why choose this course?

This course will teach you about the processes, threats and opportunities that underpin the successful management of the international energy sector in the 21st century. You will have the opportunity to develop the skills required to support a range of exciting careers with national and multinational energy companies, consultancies, energy ministries, investment banks and international energy agencies. By choosing this course you will benefit from student membership of the Energy Institute (EI), the leading professional body for the international energy industry.

What will I study?

In your first year of study you will examine sources of oil and gas and patterns of their consumption in a globalising world. You will be introduced to methods of electricity and power production and better understand the economic and business environment.

Your second year provides you with opportunities to analyse petroleum technologies and compare hydrocarbon, nuclear and renewable sources of energy. By coupling this knowledge to an understanding of global economic issues and an ability to identify hazards and assess risk you will be able to evaluate energy policy. You will then have the opportunity to supplement these skills with those necessary to secure and succeed on an industrial work placement.

As a final year student you will explore major issues in energy markets, climate change and carbon management and investigate an issue of your choice in a research project. You will have the opportunity to gain professional accreditation in health and safety and participate in the activities of the Society of Petroleum Engineers.

Year 1 Modules

- Introduction to Oil and Gas
- Numerical Skills for Energy Management
- Introduction to Electricity Production
- The Economic Environment of Business
- A Globalising World
- Higher Education Skills

“Coventry University has provided me with career possibilities, resources, networks and learning tools, which I never had.”

*Linda Ikumoinin, Nigeria
MSc Oil and Gas Management*



Year 2 Modules

- Petroleum Technology
- Nuclear and Renewable Energy
- Assessing Hazard and Risk
- Research Methods for Energy Management
- International Trade and Global Economic Issues
- Energy Policy
- Career Skills (connected to placement)

Final Year Modules

- Marketing Energy
- Climate Change Science and Carbon Management
- Applied Research Project
- Crisis Complexity and Disaster Aetiology
- Training and Exercising for Emergency Management
- International Economics
- International Commodity and Energy Trading
- Environmental Pollution and Management
- Environmental Impact in the Energy Industry
- Health and Safety Management in the Oil and Gas Industry
- Employment Skills

How will this course improve my career prospects?

In all three years of the course, significant opportunities exist for you to enhance your employment prospects. Specialist modules focus on developing your career skills, giving practical guidance on career opportunities, job applications and interviewing techniques.

You will also benefit from visits to organisations such as the Energy Institute and an annual programme of 'experience talks' in which former graduates (and other professionals currently working in the industry) discuss their careers since leaving university.

MSc Oil and Gas Engineering

(Coventry Campus)

This course will provide you with specialist education in oil and gas engineering. It will equip you with the theoretical and practical knowledge and skills required to solve and manage oil and gas engineering complexities and engineering problems at optimum cost and to optimize existing processes with increased efficiency.

“The energy sector faces challenges that require new management solutions and new ways of thinking. Our courses will help you to address these issues from a global perspective.”

Dr Augustine Ifelebuegu, Lecturer



Why choose this course?

The programme will provide you with the knowledge and skills for a wide range of professional opportunities in national and multinational oil and gas companies and consultancies. On successful completion of the programme, you will get the opportunity to acquire the NEBOSH International Technical Certificate in Oil and Gas Operational Safety in addition to your degree.

What will I study?

Modules

- Drilling and Production Technology
- Reservoir Technology and Simulation
- Petroleum Processing and Gas Technologies
- Materials, Corrosion and Pipelines
- Subsea Systems and Advanced Completion
- HSE Management in the Oil and Gas Industry
- Project and Quality Management in the Energy Industry
- Petroleum Contracts and Economics
- Project/Company Internship



“Coming to Coventry University is one of the greatest experiences of my life so far, it’s a place I would recommend for the coming generations of Managers in the oil and gas sector.”

*Samson Edozie, Nigeria
MSc Oil and Gas Management*



MSc Petroleum and Environmental Technology (Coventry Campus)

The hydrocarbon industry is faced with the challenges of meeting increasingly stringent environmental standards across the globe. Professionals in petroleum and environmental technologies are required to implement, monitor and report on these standards. This MSc course is tailored to the requirements of an integrated upstream oil and gas industry.

Why choose this course?

This course gives you the tools to develop expertise in key methods of process, treatment, production and production optimisation employed within the petroleum industry. This will enable you to operate in oil and gas management with a strong environmental focus. Graduates can expect to be employed in areas within the chemical, environmental, oil and gas sectors. The key to the success of this course is the way in which a wide range of subjects are integrated to strengthen environmental management in the petroleum industry.

What will I study?

A wide range of subjects are available giving you a multidisciplinary approach to management in the oil industry.

Mandatory Modules

- Drilling and Production Technology
- Reservoir Technology and Simulation
- Petroleum Processing and Gas Technologies
- Environmental Monitoring
- Renewable Energy
- HSE Management in the Oil and Gas Industry
- Project or Company Internship

Optional Modules (choose two)

- Petroleum Contracts and Economics
- Project and Quality Management in the Energy Industry
- Water and Wastewater Treatment
- Future of Oil and Gas
- Contaminated Land Management
- Environmental and Energy Management



“The city is vibrant, the teachers are great and the MSc in Oil and Gas Management at Coventry gave me the tools for a career in the Oil Industry.”

Anacleto De Barros Kafukena,
Key Account Manager (Sonangol) Halliburton, Angola,
MSc Oil and Gas Management Graduate



MA International Relations: Oil and Gas Security (Coventry Campus)



Access to secure sources of energy is a vital requirement for governments and ensuring that access is a key goal for policy formulators. How governments secure access to oil and gas, using both the diplomacy of soft power and the coercion of hard power, is a core issue in contemporary international relations. At the same time, the size and transnational reach of the major companies involved in oil and gas exploitation poses questions about the relevance of the state in the current international system.

The Oil and Gas Security route examines the theoretical concerns of International Relations in the context of the practical realities of the oil and gas sector in the areas of geo-political competition, environmental impact and the future of the industry.



Why choose this course?

The course has been designed to enable newcomers to engage readily with the subject, whilst offering those who already have a background in international relations an opportunity to deepen their exploration of its scope and complexities.

What will I study?

The route includes the following mandatory and option topics.

Mandatory Modules

- Theories in International Relations
- Impacts of Oil in the Developing World
- The Future of Oil and Gas

Optional Modules

- Governance for Security in the Developing World
- Post-Colonial African Politics
- International Terrorism
- Diplomacy in the International System
- Foreign and Security Policy Formulation (Field Trip)
- Community Action (Work Experience)



MSc Oil and Gas Management

(Coventry Campus)

This course is ideal if you are interested in a career or already working in the energy and hydrocarbon industry. It will benefit students from a range of technical, non-technical and commercial backgrounds.

Why choose this course?

The course enables you to understand the processes, drivers, threats and opportunities related to the management of the energy and hydrocarbon industry in the 21st century.

It will provide you with expertise in economics, energy strategies, risk and environmental management and advanced skills in business administration and project management. You will learn best practice in the oil and gas industry and develop a professional network through our chapter of the Society of Petroleum Engineers. On graduating you can pursue career opportunities with national and multinational energy companies, consultancies, energy ministries, investment banks and international energy agencies.



What will I study?

By learning alongside colleagues from a range of technical, non-technical and commercial backgrounds you will develop a truly multidisciplinary approach to oil and gas management.

Strategic modules introduce you to the oil and gas sector and establish an expert view of the future for hydrocarbons. On an operational level you will develop an understanding of HSE management in the hydrocarbon industry and skills to negotiate the complexities of petroleum contracts and economics. You are supervised through an applied research project on a topic of your choice or may seek to demonstrate your new competencies in a consultancy project.

You can choose one of the routes leading towards your preferred profession within the oil and gas sector:

- Environmental Management
- Finance and Investment
- Law and Policy
- QHSE

Each route enables you to study a series of specialist modules, for example;

- Contaminated Land Management
- Environmental and Energy Management
- Impacts of Petroleum Exploration, Extraction and Transport
- Renewable Energy
- International Financial Markets
- Investment Analysis and Decision Making in the Petroleum Industry
- Oil and Gas Trading
- Stock Market Investment
- Corporate Social Responsibility
- Crisis and Continuity Management
- International Corporate Governance Law
- International Environmental Law
- Integrated Emergency Management and Practices
- Project and Quality Management in the Energy Industry
- Risk, Safety and Governance
- Strategic Management



“The programme included a lot of enhanced learning methods, these included teamwork and presentation skills. Additionally, the course supervisors are experienced in the industry.”

*Joshua Ohiole, NLNG, Bonny Island, Nigeria
MSc Oil and Gas management Graduate*

MBA Oil and Gas Management (London Campus)

This course is ideal for those already working in, or associated with the energy sector.

Although no work experience is required for this course, it has been designed to equip you with the appropriate management skills and knowledge to undertake a leadership role in the oil and gas industry, one of the world's fastest growing and most dynamic sectors.

Why choose this course?

This course is designed to equip you with deep theoretical knowledge of current issues and best practices within the oil and gas industry. You will be able to relate your study to practical experiences through discussion with top business professionals, sharing the real-life business challenges which energy firms face.

What will I study?

This course comprises core modules in management, specialist modules at the cutting edge of practice in the oil and gas industries, and an organisation-based internship, consulting project or dissertation

Modules

- Advanced Business Practice
- Finance, Funding and Legislative Frameworks for Success
- Leading in a Changing World
- Marketing in a Global Age
- Sustainable Strategy: from Planning to Implementation
- Impacts of Oil Production in the Developing World
- Integrated Emergency Management
- International Environmental Law
- Project Management
- Organisation Internship, Consulting Project or Dissertation



"I chose Coventry University London Campus for its innovative teaching style and focus on employability to equip me for a career in the rapidly evolving energy sector."

*Yina Song, China,
MBA Oil and Gas Management*



Entry Criteria

Undergraduate

- **GCSEs or equivalents:** 5 GCSEs at grade A*-C including English Language and Mathematics, or specified equivalents.
- **A-Levels:** BBC-BBB
- **BTEC Level 3 Extended Diploma:** DDM
- **International Baccalaureate Diploma:** 29-30 points
- **IELTS:** 6.0

Postgraduate

- **Degree:** At least a second class honours degree (2:2) or equivalent qualification in a relevant discipline.
- **HND holders:** At least five years working experience in the oil and gas industry will also be considered.
- **No work experience required for MBA course**
- **IELTS:** 6.5

How to Apply

You can apply online or download an application form.

Visit www.coventry.ac.uk/international/howtoapply

If you need any additional information or have any queries on any of the courses please email enquiries.io@coventry.ac.uk or call +44 (0) 24 7615 2152

Scholarships

Coventry University is delighted to welcome outstanding students to its courses.

We understand that undertaking Higher Education overseas is a major financial decision, that's why we have a range of Scholarships for those students who plan to study with us including early payment, full payment, country and alumni scholarships.

For further details please visit www.coventry.ac.uk/international or contact us.



The MBA Oil and Gas course at London Campus puts you in an ideal position to explore the Oil and Gas industry, pick your career path and maximise your chances of success.

Being surrounded by other international students I have learned about the many challenges facing other developing countries in benefitting from their oil and gas resources and the complexity of the industry.



Sulaiman Al Shammakhi, Oman
MBA Oil and Gas Management

www.coventry.ac.uk/international



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