About NExT
NExT, a Schlumberger company, has more than 13 years of experience providing training, competency, and professional development services for the E&P industry. With a portfolio of more than 420 courses covering technical, practical, and software skills, NExT develops the petrotechnical expertise necessary to meet today’s increasingly complex industry challenges.

For a comprehensive portfolio of courses covering a broad spectrum of disciplines, visit NExTtraining.net.
Masters in Management of the Oil and Gas Industry
Take the next step in your career.

Benefits
- Learn to balance technical and business skills to make better-informed, strategic organizational decisions.
- Study online at any time from anywhere in the world.
- Network with like-minded oilfield professionals within the organization.

Developed and instructed in partnership between Nexx oil and gas training and competency development and Heriot-Watt University, our Masters in Management of the Oil and Gas Industry (MMOGI) degree courses combine both management and technical disciplines. The curriculum covers business and management disciplines as well as technical oil and gas disciplines.

The industry-aligned program reflects innovative oilfield practices to quickly develop the knowledge and skills that are demanded by the industry.

Flexibility
The MMOGI program mixes instructor-led classes with distance learning to provide options for working individuals. Students can study and complete class work while still maintaining current job responsibilities. Workshops take place on the Heriot-Watt campus in Edinburgh, Scotland or can be scheduled at any other venue worldwide. Exams are proctored twice a year in 360 locations across the globe, offering easy access wherever students are located. The scheduled program length is 3 years, but courses can be completed more quickly if required.

Structure
Each group of students completes 10 modules, which consist of distance learning, one instructor-led workshop per module, and university-administered exams. Each module equals approximately 180 hours, and workshops are five-day courses totaling 40 hours for each. Modules cover management, engineering, and a hybrid integration of the two. Students must complete the core technical and business modules before progressing to the hybrid modules. On successful completion, participants are awarded a Masters Degree in Management of the Oil and Gas Industry from the prestigious Edinburgh Business School, Heriot-Watt University, Scotland, UK.

Entrance prerequisite
Designed for management-level individuals on an executive track, the graduate program necessitates a bachelor’s degree, preferably in engineering or geoscience discipline.

Core modules
Business
- Finance—fundamentals of earnings, profit and cash flow, risk and company investment decisions, working-capital management, and international finance management.
- Project Management—risk management, organizational structures and standards, time and cost planning and control, and quality management.
- Strategic Planning—modeling company objectives, economic influence, internal company analysis, and choosing, implementing, and evaluating strategy.

Engineering and Geoscience
- Petroleum Geoscience—origin, structure, and internal geometry of reservoirs.
- Reservoir Engineering—physics and chemistry of petroleum fluids and flow patterns.
- Production Technology—productivity of oil and gas wells, including operation and optimization of downhole and surface systems.

Advanced modules
All advanced modules take concepts from the core modules and apply them to real-life situations involving financial procedures, project management policies and methods, and industry-conditioned strategic planning. These modules can be customized for a specific organization's challenges.
- Project Management.
- Finance.
- Strategic Planning.

Elective modules
Students select one elective module.
- Accounting
- Alliances and Partnerships
- Economics
- Marketing
- Mergers and Acquisitions
- Negotiation
- Organizational Behavior
- Strategic Risk Management.

Core concepts are applied to real-life situations to enhance understanding of corporate finance, project management, and strategy planning.

For more information, visit www.NexxTraining.net/programs_master.cfm

As an industry-aligned program, the MMOGI degree mixes instructor-led classes with distance learning to provide students with flexible options.

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The MMOGI degree program is spread over 1,400 hours with subjects including:
- oil and gas strategy
- petroleum geoscience
- reservoir engineering
- finance
- project management
- production technology.

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