

MSc in Oil and Gas

For students entering in 2012/3

Awarding Institution:	University of Reading
Teaching Institution:	University of Reading
Relevant QAA subject Benchmarking group(s):	
Faculty:	Arts, Humanities and Social Science Faculty
Programme length:	1 years
Date of specification:	21/Aug/2012
Programme Director:	Ioannis Kokkoris
Programme Advisor:	
Board of Studies:	Law (Postgraduate)
Accreditation:	

Summary of programme aims

The primary objectives of the programme are to

1. train a critical pool of professionals so as to develop their knowledge of the key issues in the emerging oil and gas industry;
2. increase the analytical and research skills of students in terms of their ability to collect and analyse information relating to legal, economic and environmental problems related to the oil and gas industry;
3. enable students to tackle complicated legal problems and provide solutions
4. expose students to a multidisciplinary learning environment.
5. help students develop an array of both analytical and critical skills, through independent study and working with others.
5. provide students with the knowledge and skills for professional life and further academic study.

Transferable skills

Students are encouraged to act independently in planning tasks and use feedback to reflect on their performance and assess the appropriateness of current levels of knowledge and skill. Students are expected to acquire an ability to think analytically, to develop frameworks for considering and resolving complex problems, and to discriminate between persuasive and unpersuasive arguments. Students will be able to research a variety of sources in libraries and on the internet, and, in particular, to research and assess academic literature. Particular elements of the programme expose students to the use of information technology and encourage the development of general professional capabilities, including recognition of deadlines and effective time management.

Programme content

The programme consists of 180 credits. Students may choose either to take taught modules totalling 180 credits or, they can allocate 40 credits to a Project, in which case they must also follow the Project Skills module (10 credits). The project must be written on a topic that has a meaningful relationship to issues of Oil and Gas Law.

Content of the MSc Oil and Gas:

Students on the MSc Oil and Gas programme:

- either take Project Skills (LWMTPS, 10 credits), write a Project in Oil and Gas law (LWMTPR, 40 credits) and choose optional modules totalling 130 credits;
- or take optional modules totalling 180 credits.

In either case, the optional modules must be chosen from the lists of optional modules below. This is subject to the requirement that students choose at least 20 credits from each of the lists of optional modules of the School of Law, of the School of Politics, Economics and International Relations, and of the School of Agriculture, Policy and Development (subject to the availability of these modules in any given year). Permission to take unlisted modules will only be granted in exceptional circumstances; for example, where a student has work experience in a field, then permission may be granted to take a module relevant to that field. Note that, as with all modules, any pre-requisites or co-requisites will also need to be satisfied. Students must normally be enrolled in a minimum of 50 credits in each of the Autumn and Spring terms. (For this purpose, when a module is taught across two terms, half of its credits will be allocated to the first term and half to the second.)

Students on the MSc programme are given the option to take taught optional modules in lieu of writing LWMTPR Project and taking LWMTPS Project Skills, because the programme was developed in response to a market demand for a relatively practically-oriented programme that would train a pool of professionals in the oil and gas industry. For this reason, requiring the completion of a dissertation-like component is not necessarily appropriate for all candidates on this programme. The MSc programme's flexible design means that those MSc

students who find that writing a project fits well with their needs (in terms of career advancement and skills development) will choose to do so.

All module selections are subject to availability in any given year and to timetabling requirements.

Project related modules - students who choose to write a Project must take all modules from this group:

LWMTPR	Project	40	7
LWMTPS	Project Skills (Spring)	10	7

School of Law Oil and Gas Optional Modules

LWMTEE	EU Environmental Law	10	7
LWMTER	EU Energy Law and Regulation	10	7
LWMTHG	HR issues in Natural Resources	10	7
LWMTTA	Investment Treaty Arbitration	10	7
LWMTCA	International Commercial Arbitration	10	7
LWMTGC	Oil and Gas Contract Law	20	7
LWMTOG	Legal issues in Oil and Gas	20	7
LWMTDS	International Dispute Settlement	20	7

Henley Business School Oil and Gas Optional Modules

MMM034	International Corporate Social Responsibility	20	7
ICM270	Corporate Governance and Accountability	20	7

School of Construction Management Engineering Oil and Gas Optional Modules

CEMREC	Energy, Carbon and the Environment	20	7
CEMC01	Principles of Project Management	20	7

School of Agriculture, Policy and Development Oil and Gas Optional Modules

APME68	The Ecological Economics of Climate Change	10	7
APME69	Climate Change Policy and Governance*	10	7
APME58	Resource and Environmental Economics**	10	7
IDM073	Environment and Development: Problem and Policies	10	7
APMA91	Environmental Management: Principles and Practice	10	7
IDM068	Extractive Industries, the Environment and Developing Societies	10	7
IDM046	Governance, Accountability and Development	10	7

*prereq: knowledge of environmental economics)

**Autumn (14 hours) and Spring (6 hours) (prereq: Knowledge of intermediate level microeconomics, regression methods);

School of Geography and Environmental Science Oil and Gas

SSMCON	Soil Contaminants	10	7
PSMBC5	Ecological Aspects of Environmental Assessment	10	7

School of Economics Oil and Gas Optional Modules

ECM181	Economic Theory for Climate Change	20	7
ECM182	Climate Change and Economic Policies	20	7
ECM123	Regulation	20	7
ECM183	Carbon and Renewable Energy Economics	20	7
ECM170	The Political Economy of World Energy	20	7

Part-time or modular arrangements

The MSc Oil and Gas programme can be taken part-time over two years. In the first year of study, a student will normally be required to complete 20 credits from each of the School of Law module list, Department of Economics module list, School of Agriculture, Policy and Development module list (above, subject to the

availability of these modules in any given year) and further optional modules totalling not less than 20 credits and not more than 50 credits. In the second year of study a student will normally be required to complete any remaining modules. For MSc Oil and Gas students who choose to write a Project, this includes the Project-related modules LWMTPS Project Skills, and LWMTPR Project. The programme may not be completed over more than two years.

Progression requirements

Part-time candidates

A part-time candidate may only proceed into his or her second year if he or she has achieved 2 marks of at least 50% in his or her first year. A part-time candidate who chooses not to proceed to his or her second year may be considered for the award of Certificate if he or she gains an average mark of 50 or more in modules worth 60 credits and has no mark below 40.

Summary of Teaching and Assessment

Teaching methods will vary from module to module but teaching will primarily be by means of seminars. Certain modules may be partially taught by means of lectures and tutorials. All modules other than the Project will be assessed by one or a combination of: a timed, unseen examination; a timed, seen examination; assessed written work; and other forms of assessment (such as participation in class or an oral class presentation).

The University's taught postgraduate marks classification is as follows:

Mark Interpretation

70 - 100% Distinction

60 - 69% Merit

50 - 59% . Good standard (Pass)

Failing categories:

40 - 49% Work below threshold standard

0 - 39% Unsatisfactory Work

Further information on the classification conventions, including borderline criteria, are available at <http://www.reading.ac.uk/web/FILES/exams/PGclassification-post-2008.pdf>.

For Masters Degree

To qualify for Distinction, students must gain an overall average of 70 or more over 180 credits and a mark of 60 or more for the project. In addition, the total credit value of all modules marked below 50 must not exceed 55 credits and students must not have any mark below 40.

To qualify for Merit, students must gain an overall average of 60 or more over 180 credits and a mark of 50 or more for the project. In addition, the total credit value of all modules marked below 50 must not exceed 55 credits and students must not have any mark below 40.

To qualify for Passed, students must gain an overall average of 50 or more over 180 credits and a mark of 50 or more for the project. In addition, the total credit value of all modules marked below 50 must not exceed 55 credits and students must not have any mark below 40.

For PG Diploma

To qualify for Distinction, students must gain an overall average of 70 or more over 120 credits. In addition, the total credit value of all modules marked below 50 must not exceed 55 credits and students must not have any mark below 40.

To qualify for Merit, students must gain an overall average of 60 or more over 120 credits. In addition, the total credit value of all modules marked below 50 must not exceed 55 credits and students must not have any mark below 40.

To qualify for Passed, students must gain an overall average of 50 or more over 120 credits. In addition, the total credit value of all modules marked below 50 must not exceed 55 credits and students must not have any mark below 40.

For PG Certificate

To qualify for a Postgraduate Certificate, students must gain an overall average of 50 or more over 60 credits and must not have any mark below 40.

Admission requirements

Entrants to this programme are normally required to have obtained a degree in law or a degree in economics or a degree in environmental science with a first or upper second class honours (or an equivalent classification if they graduated overseas). All applicants are considered on their individual merits, and the School may vary these requirements if it sees fit.

Admissions Tutor: Dr Ioannis Kokkoris, Tel: 0118 387 6580 Fax: 0118 378 4543 Email: i.kokkoris@reading.ac.uk

Support for students and their learning

University support for students and their learning falls into two categories. Learning support is provided by a wide array of services across the University, including: the University Library, the Student Employment, Experience and Careers Centre (SEEC), In-session English Support Programme, the Study Advice and Mathematics Support Centre teams, IT Services and the Student Access to Independent Learning (S@il) computer-based teaching and learning facilities. There are language laboratory facilities both for those students studying on a language degree and for those taking modules offered by the Institution-wide Language Programme. Student guidance and welfare support is provided by Personal Tutors, School Senior Tutors, the Students' Union, the Medical Practice and advisers in the Student Services Centre. The Student Services Centre is housed in the Carrington Building and offers advice on accommodation, careers, disability, finance, and wellbeing. Students can get key information and guidance from the team of Helpdesk Advisers, or make an appointment with a specialist adviser; Student Services also offer drop-in sessions and runs workshops and seminars on a range of topics. For more information see www.reading.ac.uk/student

Within the School of Law, personal and academic tutors will provide help and guidance on academic, and where appropriate, other matters. A member of the academic staff of the School acts as Careers Advisor and the School has a Director of Taught Postgraduate Studies, individual programme directors for each taught postgraduate programme, a Senior Tutor for students on taught postgraduate programmes, a student support officer and a postgraduate administrative officer to provide support and advice to postgraduate students. In addition, all students receive a detailed Handbook to help them study law successfully.

Career prospects

While very many law graduates take professional exams in law and go on to practise law either in the UK or abroad, many others pursue alternative careers. This is particularly the case with those who have chosen to pursue a postgraduate qualification in law, as the skills gained by undertaking a postgraduate law degree are in great demand from both legal and non-legal employers. While not disqualifying students from any career open to non-specialist graduates, a postgraduate law degree will open many doors in more specialised areas of employment such as legal practice in fields related to the oil and gas industry, European, intergovernmental and non-governmental organisations, academia (with further postgraduate study), the media (journalism and broadcasting), the civil service, and other branches of public service.

Opportunities for study abroad or for placements

The programme does not involve study abroad.

Programme Outcomes

The programme provides opportunities for students to develop and demonstrate knowledge and understanding, skills, qualities and other attributes in the following areas:

Knowledge and Understanding

A. Knowledge and understanding of:

1. Key issues in oil and gas industry and how they interrelate;
2. A range of research methodologies sufficient to formulate appropriate and relevant research questions and conduct independent research in law;
3. A select range of options to broaden understanding of the operation of law at an advanced level;
4. Appropriate contextual background to understand the substantive law.

Teaching/learning methods and strategies

The basic knowledge in all modules is provided by seminars, although some modules may include lectures. All seminars allow a student to gauge his/her progress in that module and will require significant student input into the acquisition and dissemination of knowledge. The critical input into learning is provided by a student's own reading and preparation for group discussions.

Assessment

Modules adopt a variety of assessment methods. All modules include either or both of summative assessed work and an unseen, timed exam.

Skills and other attributes

B. Intellectual skills - *able to*:

Teaching/learning methods and strategies

1. Think logically;
2. Analyse and identify problems and issues;
3. Discriminate between relevant and irrelevant material;
4. Understand technical material;
5. Apply relevant knowledge effectively;
6. Construct defensible arguments and exercise critical judgment.

C. Practical skills - able to:

1. Discover and use legal and/or political and contextual materials from a variety of sources; and
2. Evaluate legal and/or political and contextual material both individually and as part of a team;
3. Construct and present (orally and in writing) defensible arguments and critical judgment.

D. Transferable skills - able to:

1. Work independently and hard;
2. Use different types of information sources;
3. Communicate technical material effectively both orally and in writing;
4. Construct defensible arguments and exercise critical judgement;
5. Reflect critically on one's own learning;
6. Consider career development.

Logic, analytical and critical skills and the ability to apply relevant knowledge are inherent in the study of law and these skills are encouraged and developed in seminars.

Assessment

Both formal examinations and summative assessed work assess all these skills either directly or indirectly.

Teaching/learning methods and strategies

All the practical skills are present in each module and are developed through seminars. The essence of legal study is to provide an answer to a practical legal problem having identified the legal issues, selected relevant facts and used appropriate law to provide a solution. The encouragement of these faculties is inherent in all parts of the degree. All modules seek to develop powers of critical analysis and judgment.

Assessment

The written element of 3 is directly assessed through summative assessed work and/or formal examinations. Examinations indirectly assess 1 and 2, while summative assessed work does so directly. The dissertation requires elements of 1, 2 and 3. Some modules assess oral communication (formatively or summatively).

Teaching/learning methods and strategies

Law is a subject of considerable complexity; some material is difficult and not all of it is of overpowering interest - a student must work hard to engage with such material. A student will be required regularly to participate in class discussions and make presentations. He or she will be required to engage with a considerable amount of academic and other literature and to assess and evaluate such literature critically and in the context of presenting advanced arguments both orally and in writing.

Assessment

Both formal examinations and summative assessed work assess all these skills other than 5 and 6. Seminars encourage a student to reflect on his or her own learning. Guidance is given throughout the degree programme on career development.

Please note - This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of each module can be found in the module description and in the programme handbook. The University reserves the right to modify this specification in unforeseen circumstances, or where the process of academic development and feedback from students, quality assurance process or external sources, such as professional bodies, requires a change to be made. In such circumstances, a revised specification will be issued.