

PROGRAMME SPECIFICATION

Programme Title: BSc (Hons) Oil and Gas Management

Partner Institution: GSM London

Start Date: October 2015

First Date of Award: 2017

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PROGRAMME SPECIFICATION

This Programme Specification should contain no information referring to individual members of staff as it will be employed as a public document.

PS1. Programme Details

Awarding Institution:	Plymouth University
Teaching Institution:	GSM London
Accrediting Body:	N/A
Language of Study:	English
Mode of Study:	Standard (3 Years) / Accelerated (2 Years) Extended Standard (4 Years)/ Extended Accelerated (3 Years) Part-time Standard (4 Years)/ Part-time Extended (5 Years 1 Semester) (See Appendix: Programme Structure by Delivery Mode)
Final Award:	BSc (Hons)
Intermediate Award:	CertHE 120 credits; DipHE 240 credits; Ordinary degree 320 credits
Programme Title:	BSc (Hons) Oil and Gas Management
UCAS Code:	H890 (2-year); H891 (2-year extended) H893 (3-year); H892 (3-year extended)
JACS Code:	H890 (2-year); H891 (2-year extended) H893 (3-year); H892 (3-year extended)
Benchmarks:	QAA Framework for Higher Education Qualifications in England, Wales QAA Subject Benchmarks: General Business and Management (GBM) QAA Code of Practice for the assurance of academic quality and standards in Higher Education Energy Institute Guidelines SEEC 2010

PS2. Brief Description of the Programme

The following is a description of the programme that clarifies both its position within the delivering institution and Plymouth University's portfolio. This material/ may be used for promotion of the programme and the text should be approximately 200-250 words.

The BSc (Hons) Oil & Gas Management provides students with the combined benefits of a management degree and a specialism in oil and gas, preparing them for employment within the energy sector and supporting industries.

The programme aims to deliver a curriculum focusing primarily on international strategy, management considerations, health and safety, and corporate and cross-border regulations relevant to the oil and gas industries, with a strong focus on academic and employability skills and with emphasis on project implementation and work-based learning.

The energy sector faces profound environmental changes and the programme contributes to the development and dissemination of knowledge and practice, focusing on the management of the oil and gas industry. Students will develop the required knowledge for the nature and functions of the oil and gas industries as well as develop their knowledge in the broader areas of business and management. Such advancement will impact on students employability skills needed to develop careers within the broader energy industry. In addition, students will be expected to be in a position to access a range of professional development opportunities and advance their employability skills.

At Level 4, students will develop a solid foundation for the next stage of the programme, focusing on academic and professional skills along with cognate management areas. At Levels 5 and 6, students will delve into key oil and gas management areas along with other relevant modules to promote the employability and multi-disciplinary intent of the programme.

PS3. Details of Accreditation by a Professional/Statutory Body (if appropriate)

The BSc (Hons) Oil and Gas Management programme benefits from close link with the Energy Institute through GSM London's membership status with the professional body. In addition, students on the programme are registered onto the Energy Institute Portal as student members once they commence their programme of study. This provides students with access to the Energy Institute's library with should further help students' access to resources throughout the programme.

Full details of professional qualifications/accreditation by professional/statutory bodies are available at:

<http://www.gsm.org.uk/undergraduate/professional-qualifications>

PS4. Exceptions to Plymouth University Regulations

Plymouth University have approved an exemption to the regulations enabling GSM London to utilise a 15/30 credit structure.

PS5. Programme Aims

The programme will deliver:¹

- A1. A critical understanding of the nature and functions of the oil and gas industries as well as the principles underpinning business management
- A2. A critical analysis of management practices within the oil and gas industry and its contribution in driving organisational performance
- A3. A practical application of business management skills both general and specific and appreciation of their transferability across the oil and gas sector
- A4. The development of conceptual and empirical knowledge, analytical skills and understanding of the business development processes, including emerging themes in the oil and gas industries.
- A5. The provision of a higher education foundation for a range of careers
- A6. The development of an effective and reflective practitioner using the skills and approaches developed throughout the programme

PS6. Programme Intended Learning Outcomes (ILO)

By the end of this programme the student will be able to:

Knowledge and understanding:

- K1.0 Demonstrate an understanding of the required knowledge for the nature and functions of the oil and gas industries as well as develop knowledge in the broader areas of business and management.
- K1.1 Explain conceptual and empirical knowledge, analytical skills, business development processes and emerging themes in the oil and gas industries.

¹ Recommended: 5-7 “numbered points”

- K1.2 Recognise the need to collect, manipulate, and interpret relevant quantitative and qualitative data and apply analysis in relation to addressing business issues.
- K1.3 Analyse environmental factors, including economic, which influence business, and the ability to assess the impact of these.
- K1.4 Evaluate ethical issues in core business activities, especially within the oil and gas industries and the broader energy sector, and discuss these in relation to personal beliefs and values.

Cognitive and Intellectual Skills:

- C2.0 Develop a critical awareness of management within the oil and gas industry, including matters such as how relatively small oil companies can work with National Oil Companies (NOCs) and energy ministries can better exploit their hydrocarbon resources, including a critical awareness of key health and safety issues.
- C2.1 Carry out an analysis of the business environment with guidance to provide satisfactory responses to issues.
- C2.2 Apply the correct concepts and frameworks to clearly-defined problems while beginning to appreciate the complexity of the decision-making involved in business activity.
- C2.3 Evaluate the reliability of data using recognised and appropriate financial and quantitative techniques.
- C2.4 Collect and synthesise business ideas and information in a formal manner.

Transferrable Skills:

- T3.0 Utilise the transferable skills necessary to work within the energy sector in a project or working environment.
- T3.1 Operate in predictable defined contexts using standard, recognised techniques.
- T3.2 Work with limited autonomy within agreed and defined parameters.
- T3.3 Develop responsibility for their own learning.
- T3.4 Work effectively with others while meeting the required obligations involved.

Employment:

- E4.0 Exemplify the skills necessary for identifying and assessing opportunities in the oil and gas industries and the broader energy sector so that graduates from the

programme are fully equipped to undertake varying roles as multi-disciplinarians with a view to management fast tracking.

- E4.1 Identify the career specialisms that reflect their interests and abilities.
- E4.2 Understand careers pathways and the professional expectations of the behaviours required to achieve these.

Practical:

- P5.0 Demonstrate the acquisition of GSM London's Graduate Attributes and facilitate the application of these attributes in both academic and vocational contexts.
- P5.1 Demonstrate an understanding of the issues involved when working with others and to act appropriately to achieve successful outcomes.
- P5.2 Apply relevant methods and frameworks to clearly defined business problems.
- P5.3 Undertake research tasks with minimum guidance to investigate and develop people performance issues.
- P5.4 Communicate effectively to explain business issues in a clear and concise manner.
- P5.5 Become effective and reflective practitioners using the skills and approaches developed throughout the programme.

PS7. Distinctive Features

The following provides a definitive and approved list of elements that may be used to both conceptualise and promote the market position of this programme:²

- The Oil and Gas Management programme provides students with the opportunity to gain knowledge across a wide spectrum of subjects and business functions as well as the ability to apply it across sectors and industries. This application of knowledge is gained through practical modules such as the level 5 project and level 6 Capstone project, as well as through live projects through employer links where possible.
- The programme will be flexibly delivered and provides the following distinct modes of study: Standard (3 Years); Accelerated (2 Years); Extended Standard (4 Years); Extended Accelerated (3 Years); Part-time Standard (4 Years); Part-time Extended (5 Years 1 Semester) (*See Appendix: Programme Structure by Delivery Module.*)
- The accelerated mode allows students to enter the workplace more quickly and at a lower expense (they save the cost of a third year). This offers considerable added value to the GSM London experience.
- The three-year model attracts a younger student population which favours a programme with a longer break between academic years.

² Recommended: "bullet points" to assist promotional use

- The part-time format facilitates study alongside other commitments, and skills and knowledge can be developed simultaneously.
- In recognising that there should be a balance between 'technical' and 'general skills', this programme enhances student's employability by encouraging them to communicate confidently and openly, in a spirit of team work towards achieving common and specific goals, developing their ability to take the initiative, gather information, analyse facts and figures, and to contribute their ideas effectively through competent oral and written communication skills. This will assist in moulding them into competent managers.
- The curriculum will allow for a more dynamic and innovative approach to learning and teaching, combining classroom lectures with workshops, collaborative learning, e-learning through the combination of live webinars, audio and video recording of lectures, blended learning, and practical projects.
- The project modules within the programme offer students an innovative approach to practical learning and reflection where they will be expected to undertake a project (see appendix), or work-based learning activity focusing on one of many areas specific to the oil and gas industry and the broader energy sector including:
 - Simulations
 - Scenario-based planning
 - Software training
 - Collaborative project with industry partners
 - Enterprising projects relevant to oil and gas
 - Participation in industry initiatives
 - Brand manager role / project
- Students on the programme have the opportunity to register as student members of the Energy Institute, with access to a wide range of benefits to aid their work on the programme including the Energy Institute's knowledge service and library, monthly magazines, discounts on other information sources, education and careers information, peer networking opportunities, internship programmes for recent graduates, and industry contacts. Additionally, students can progress their career to professional membership status through the online professional development tracking tool and membership workshops.
- All modules on the programme feature formative assessments where students knowledge is regularly tested through quizzes, group activities, and practice tests all of which are aimed at with the modules on the programme. Through formative assessments, lecturers are able to provide feedback to students about their progress will guide learners through decisions in their learning process, thereby closing the gap between the learner's current and desired states.

- The programme features a number of shared modules (from Level 4 through to Level 6) with focus on skills acquisition and emerging themes within the sector. Through these modules, students become equipped with the skills required in order to become employable in their chosen field.
- Supporting our students to develop distinctive GSM London Graduate Attributes valued by employers (employability and professionalism, enterprise and innovation, critical thinking and scholarship, global citizenship and social responsibility) is an important feature of the student experience. These dimensions shape the design, content and delivery of the programme and the extra-curricular portfolio on offer. Students are encouraged and supported to evidence and articulate their acquisition of these attributes.
- The oil and gas management programme focuses on three distinct set of skills which is designed to help students succeed on the programme whilst also enhancing their employability. These are academic skills, professional skills, and employability skills, and are embedded as modules within the programme. These modules will be delivered by both skills specialists and subject specialists, thus providing a link between study and employment. (See Appendix: Skills Modules)

PS8. Student Numbers

The following provides information that should act as a guide to assure the quality of the student experience, progression opportunities, and staff and resource planning:

Approximate minimum student numbers per stage = 15

Target student numbers per stage = 530

Approximate maximum student numbers per stage = No maximum at this point in time because additional numbers over target will be monitored over the recruitment cycle to ensure that student numbers can be managed.

PS9. Progression Route(s)

There are GSM London Masters level programmes which students can progress onto, please see the programme team for more details.

PS10. Admissions Criteria

Qualification(s) Required for Entry to this Programme:	Details:
<p>Level 2:</p> <p>-</p> <p>-</p>	<p>Level 2 qualifications are not suitable for entry onto the Bachelor degree programmes. However, applicants for entry onto the extended degree options are considered for entry with a qualification at Level 2: Please see the Bachelors' Extended Degree Programme Specification for further details.</p>
<p>Level 3: at least one of the following:</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>	<p><u>These are requirements for entry onto the Bachelor degrees only (excluding the extended degrees i.e. Year 0 entry)</u></p> <p>An applicant must normally be 18 years of age at the start of the programme and as a minimum must have obtained:</p> <ul style="list-style-type: none"> • 2 A Level passes (A-E/ minimum of 80 UCAS Tariff points) or successfully achieved 120 credits on the GSM London's Year 0 programme or equivalent <p><i>We accept overseas qualifications equivalent to those mentioned above. For further information contact your local British Council office or GSM London's International Advisors (+44 [0]208 5167 800 admissions@gsm.org.uk)</i></p> <ul style="list-style-type: none"> • If English is not the applicant's first language, proof of fluency through IELTS (minimum score 6.0 for degree programmes) or another accepted system must be provided. <p>Other qualifications may be considered (subject to approval by Plymouth University):</p> <ul style="list-style-type: none"> • Advanced Level Diploma: • BTEC National Certificate/Diploma: • HNC/D: • VDA: AGNVQ, AVCE, AVS: • Access to HE or Year 0 provision: • International Baccalaureate: • Irish / Scottish Highers / Advanced

	Highers:
Work Experience:	Applications from candidates who lack the normal course entry requirements are positively encouraged. In such cases, the Admissions Tutors must be satisfied that the applicant has the necessary potential, knowledge or experience and motivation to follow the course successfully. Candidates with non-standard qualifications will be invited to attend for interview.
Other non-standard awards or experiences:	Other non-standard awards or experiences are welcomed and these are assessed on an individual basis. Such awards could be other HE level awards. Where required, an interview may be necessary.
APEL / APCL³ possibilities:	<p><u>Accreditation of prior learning</u></p> <p>Partial exemptions from an undergraduate programme may be obtained in accordance with the Academic Regulations dependent on the compatibility of previous study. Each case is considered on its own merit and will be, subject to the approval by Plymouth University.</p> <p>You may be required to provide an academic reference and/or personal statement.</p> <p>We will not normally consider APL's older than 3 years unless the applicant has a recent experiential learning that is directly related to the APL.</p>
Interview / Portfolio requirements:	Interview(s) may be required by the admissions tutor.
Independent Safeguarding Agency (ISA) / Criminal Record Bureau (CRB) clearance required:	No

³ Accredited Prior Experiential Learning and Accredited Prior Certificated Learning

PS11. Academic Standards and Quality Enhancement

The programme will follow Plymouth University's current annual monitoring process for partnership programmes to complete evaluation of and planning for maintaining and improving quality and standards.

Elements of this process include engaging with stakeholders. For this definitive document it is important to define:

Subject External Examiner(s): The programme will have an external examiner who will provide a strategic overview of both the academic, practical and research elements of the programme. In addition, specialist external examiners will provide an oversight of specific modules. However, modules which fall under the management of another programme will be externally examined by examiners appointed to that programme and therefore will appear in the relevant programme specification. A full list of modules and department owners is available in the Operational Specification. Modules are grouped as below but are subject to change:

Global Energy Outlook	Emerging Themes	Health and Safety	Project/Placement
Managing Energy Resources and Regulations	Politics in the Oil and Gas Industry	Employability Skills	Design and Implementation
Logistics and Operations for Oil and Gas	Strategic Decision Making for Oil and Gas		Evaluation and Reflection (Work Based/Related Learning)
	Environmental Management for Sustainable Development		Capstone Project
			Research Methods
			Research and the Professional

Additional stakeholders specific to this programme:⁴

The following additional stakeholders are vital to the successful delivery of this programme:

Students: Engagement through programme committee meetings, student liaison meetings, module evaluation questionnaires, students' perception questionnaires, and discussion forums.

Employers: Engagement through dialogue and consultation to facilitate a curriculum focused on employability also through participation in employability events.

Graduates: Engagement through the Alumni community.

Academic communities: Engagement through academic partnerships, collaborative research, projects.

Professional bodies: Engagement through the mapping of modules to meet professional body requirements, facilitate students' progression routes, and access to professional certification within the programme.

Accrediting bodies: Engagement through quality assurance of the programme, appointment of external examiners, subject assessment panels and award boards, module evaluation questionnaires, students' perception questionnaires, programme monitoring and review and peer review.

⁴ i.e. students, graduates, employers, academic communities etc

PS12. Programme Structure

The following provides the current structure diagram for this programme. It enables both full time and part time routes to be compared within a single diagram as well as any optional modules to be clearly indicated.

FHEQ Level: 4 For: Year 1 BSc (Hons) Oil and Gas Management				
F/T Route Year ⁵	P/T Route Year ⁶ <small>Error! Bookmark not defined.</small>	Core or Option Module ⁶	Credits ⁷	Module ⁸
1	1	Core	15	Academic Skills (ACSKI4001-D)
1	1	Core	15	Management and Organisations (MORG4038)
1	1	Core	30	Marketing and Communications (MCOM4040)
1	1	Core	15	Professional Skills (PRSK4048-D)
1	1	Core	15	Introduction to Oil and Gas Environment (IOGE4033)
1	2	Core	30	Financial and Economic Literacy for Managers (FELM4026)

⁵ Enter: "1, 2, 3, 4 or No F/T (or P/T) Route"

⁶ Enter: "Core, Option Any Mix, Option Choice A, Option Choice B, Option Choice C, Option Choice D or Option Choice E (please ensure options are identified in a linked fashion)"

⁷ Enter: "10 Autumn, 10 Spring, 20, 30 or 40 (10 credit modules are an exception to Plymouth University regulations)"

⁸ Enter: the module code and title

FHEQ Level: 5 For: Year 2 BSc (Hons) Oil and Gas Management				
F/T Route Year ⁹	P/T Route Year ¹⁰ <small>Error! Bookmark not defined.</small>	Core or Option Module ¹⁰	Credits ¹¹	Module ¹²
2	2	Core	15	Employability Skills (EMSK5012)
2	2	Core	15	Global Energy Outlook (GEOU5022)
2	2	Core	15	Managing Energy Resources and Regulations (MERR5030)
2	2	Core	15	Logistics and Operations for Oil and Gas (LOOG5026)
2	3	Core	30	Project/Placement Design and Implementation (PPDI5039)
2	3	Core	30	Evaluation and Reflection (Work Based/Related Learning) (EVRE5017)

⁹ Enter: "1, 2, 3, 4 or No F/T (or P/T) Route"

¹⁰ Enter: "Core, Option Any Mix, Option Choice A, Option Choice B, Option Choice C, Option Choice D or Option Choice E (please ensure options are identified in a linked fashion)"

¹¹ Enter: "10 Autumn, 10 Spring, 20, 30 or 40 (10 credit modules are an exception to Plymouth University regulations)"

¹² Enter: the module code and title

FHEQ Level: 6 For: Year 3 Bsc (Hons) Oil and Gas Management				
F/T Route Year ¹³	P/T Route Year ¹⁴ <small>Error! Bookmark not defined.</small>	Core or Option Module ¹⁴	Credits ¹⁵	Module ¹⁶
3	3	Core	15	Health and Safety (HESA6024)
3	3	Core	15	Emerging Themes (EMTH6013)
3	4	Core	15	Strategic Decision Making for Oil and Gas (SDMO6060)
3	4	Elective Option A	15	Research and the Professional (RPRO6050)
3	4	Elective Option B	15	Research Methods(RMET6053)
3	4	Elective Option - Any Mix	15	Project and Risk Management (PRMA6049)
3	4	Elective Option - Any Mix	15	Politics in the Oil and Gas Industry(POGI6048)
3	4	Elective - Option Any Mix	30	Environmental Management for Sustainable Development (EMSD6017)
3	4	Elective Option - Any Mix	30	Capstone Project (Dissertation/Consultancy Project/Work Based learning) (CAPP6004-D)

* See Appendix: Programme Map for run semesters.

¹³ Enter: "1, 2, 3, 4 or No F/T (or P/T) Route"

¹⁴ Enter: "Core, Option Any Mix, Option Choice A, Option Choice B, Option Choice C, Option Choice D or Option Choice E (please ensure options are identified in a linked fashion)"

¹⁵ Enter: "10 Autumn, 10 Spring, 20, 30 or 40 (10 credit modules are an exception to Plymouth University regulations)"

¹⁶ Enter: the module code and title

PS13. Exposition and Mapping of Learning Outcomes, Teaching & Learning and Assessment

Developing graduate attributes and skills, at any level of HE, is dependent on the clarity of strategies and methods for identifying the attributes and skills relevant to the programme and the where and how these are operationalized. The interrelated factors of Teaching, Learning and Assessment and how these are inclusive in nature are fundamentally significant to these strategies and methods, as are where and how these are specifically distributed within the programme.

Ordered by graduate attributes and skills, the following table provides a map of the above plus an exposition to describe and explain the ideas and strategy of each. Therefore, subsequent to the initial completion for approval, maintenance of this table as and when programme structure changes occur is also important:

Level: 4					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>Knowledge / Understanding:</p> <p>For this bachelor level programme the following has been guided by the FHEQ Level 4 descriptor, SEEC credit Level 4 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p>	<p>A1¹⁷</p>	<p>K1.0 K1.1 K1.3</p>	<p>Knowledge and understanding is assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances. A combination of both formative and summative assessment will be utilised across every module.</p>	<p>Academic Skills, Management & Organisations, Marketing & Communication, Professional Skills, Financial and Economic Literacy for Managers, and Introduction to Oil & Gas Environment.</p>

¹⁷ Refer to relevant numbered aim(s) or LO(s) [as appropriate]

<p>By the end of this level of this programme the students will be able to demonstrate for:</p> <p>A threshold pass: knowledge of the underlying concepts, principles, and terminologies related to management, organisations, and their external environment, including that of the oil and gas industries.</p>	<p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>				
<p>An exposition for embedding Knowledge and Understanding through Teaching & Learning and Assessment at this level of the programme: The key elements of Level 4 are the context of business and an introduction to the oil and gas discipline, providing students with the background knowledge required.</p>					
<p>Cognitive and Intellectual Skills:</p> <p>For this bachelor level programme the following has been guided by the FHEQ Level 4 descriptor, SEEC credit Level 4 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p>	<p>A2</p>	<p>C2.0 C2.1</p>	<p>Cognitive and intellectual skills are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and</p>	<p>Academic Skills, Management & Organisation, Marketing & Communication, Professional Skills; Financial</p>

<p>By the end of this level of this programme the students will be able to demonstrate for:</p> <p>A threshold pass: an ability to present, evaluate and interpret qualitative and quantitative data in order to develop lines of argument and make sound judgements in accordance with basic theories and concepts of management including those of the oil and gas industries.</p>	<p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>		C2.2	<p>seminar performances. A combination of both formative and summative assessment will be utilised across every module.</p>	<p>and Economic Literacy for Managers, and Introduction to Oil & Gas Environment.</p>
<p>An exposition for embedding Cognitive and Intellectual Skills through Teaching & Learning and Assessment at this level of the programme: A focus on various learning techniques including the use of case studies and practical workshops to develop students' cognitive and intellectual skills.</p>					
<p>Key Transferable Skills:</p> <p>For this bachelor level programme the following has been guided by the FHEQ Level 4 descriptor, SEEC credit Level 4 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p>	A3	T3.0 T3.1 T3.2	<p>Key transferable skills are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances.</p>	<p>Academic Skills, Management & Organisations, Marketing & Communication, Professional Skills, Financial</p>

<p>By the end of this level of this programme the students will be able to demonstrate for:</p> <p>A threshold pass: the ability to evaluate and interpret concepts and principles within business and exercise some personal responsibility.</p>	<p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>		<p>T3.3 T3.4</p>	<p>A combination of both formative and summative assessment will be utilised across every module.</p>	<p>and Economic Literacy for Managers, and Introduction to Oil & Gas Environment.</p>
<p>An exposition for embedding Key Transferable Skills through Teaching & Learning and Assessment at this level of the programme: A focus on transferable skills throughout the module, evident through the utilisation of a range of assessments, as well as a focus on academic and professional skills.</p>					
<p>Employment Related Skills:</p> <p>For this bachelor level programme the following has been guided by the QAA Honours Degree Subject Benchmark General business and management (2007).</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p>	<p>A3 A4 A5</p>	<p>E4.0 E4.2</p>	<p>Employment related skills are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances.</p>	<p>Academic Skills, Management & Organisations, Marketing & Communication, Professional Skills, Financial</p>

<p>By the end of this level of this programme the students will be able to demonstrate for:</p> <p>A threshold pass: The use of interpersonal and communication skills such as effective listening, negotiating, persuasion, and presentation to clarify tasks and rectify issues within a business context.</p>	<p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>			<p>A combination of both formative and summative assessment will be utilised across every module.</p>	<p>and Economic Literacy for Managers, and Introduction to Oil & Gas Environment.</p>
<p>An exposition for embedding Employment Related Skills through Teaching & Learning and Assessment at this level of the programme: This level features development of academic and professional skills, students will attend employability seminars and workshops along with employer site-visits. In addition to other modules which provide relevant intellectual content designed to enhance students' employability skills.</p>					
<p>Practical Skills:</p> <p>For this bachelor level programme the following has been guided by the FHEQ Level 4 descriptor, SEEC credit Level 4 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p>	<p>A4 A5</p>	<p>P5.0 P5.1 P5.2 P5.4</p>	<p>Practical skills are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances.</p>	<p>Academic Skills, Management & Organisations, Marketing & Communication, Professional Skills, Financial</p>

<p>By the end of this level of this programme the students will be able to demonstrate for: A threshold pass: Practical skills related to data analysis and the use of models of business.</p>	<p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>			<p>A combination of both formative and summative assessment will be utilised across every module.</p>	<p>and Economic Literacy for Managers, and Introduction to Oil & Gas Environment</p>
<p>An exposition for embedding Practical Skills through Teaching & Learning and Assessment at this level of the programme: Development of practical skills through the range of assessment utilised such as presentations, group work, alongside wider study within the level.</p>					

Level: 5					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related Core Modules
<p>Knowledge / Understanding:</p> <p>For this bachelor level programme the following has been guided by the FHEQ Level 5 descriptor, SEEC credit Level 5 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p> <p>By the end of this level of this programme the students will be able to demonstrate for: A threshold pass: knowledge and critical understanding of major energy, and oil and gas management principles and an awareness of a variety of ideas, contexts and frameworks as they would apply within the operational environment of the oil and gas industries as well as the broader energy sector.</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p> <p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>	<p>A1¹⁸ A4</p>	<p>K1.0¹⁷ K1.2</p>	<p>Knowledge and understanding is assessed via a combination of multiple-choice tests, longer tests, exams, essays, presentations and seminar performances. A combination of both formative and summative assessment will be utilised across every module.</p>	<p>Employability Skills, Global Energy Outlook Managing Energy Resources and Regulations, Logistics and Operations for Oil and Gas, Project Design and Implementation, Project Evaluation and Reflection</p>
<p>An exposition for embedding Knowledge and Understanding through Teaching & Learning and Assessment at this level of the programme: Practical demonstration and application of knowledge and understanding are well embedded within modules at this level alongside a range of assessment</p>					

¹⁸ Refer to relevant numbered aim(s) or LO(s) [as appropriate]

strategies.					
<p>Cognitive and Intellectual Skills:</p> <p>For this bachelor level programme the following has been guided by the FHEQ Level 5 descriptor, SEEC credit Level 5 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p> <p>By the end of this level of this programme the students will be able to demonstrate for:</p> <p>A threshold pass: The use of range of established techniques within the area of oil and gas management to analyse and synthesise information in order to inform and propose suitable business solutions to problems arising from that analysis. The ability to identify, organise, analyse, and evaluate oil and gas management principles with the aim of presenting to management.</p>	<p>Primary: Lectures and tutorials, Problem-based learning. Work-related learning, Guided independent study.</p> <p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>	A2	C2.0 C2.2 C2.4	Cognitive and intellectual skills are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances. A combination of both formative and summative assessment will be utilised across every module.	Employability Skills, Global Energy Outlook, Managing Energy Resources and Regulations, Logistics and Operations for Oil and Gas, Project Design and Implementation, Project Evaluation and Reflection
<p>An exposition for embedding Cognitive and Intellectual Skills through Teaching & Learning and Assessment at this level of the programme: Demonstration through practical projects including work placement alongside other modules designed to develop and assess students' cognitive and intellectual skills.</p>					

<p>Key Transferable Skills:</p> <p>For this bachelor level programme the following has been guided by the FHEQ Level 5 descriptor, SEEC credit Level 5 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p> <p>By the end of this level of this programme the students will be able to demonstrate for:</p> <p>A threshold pass: Effective communication of information, arguments and analysis in a variety of forms to specialists within the energy sector and to non-specialist audiences, and effective deployment of key competencies that relate to oil and gas.</p> <p>Through reflection, the ability to identify and undertake further training, in order to develop existing skills and acquire new competencies that will enable them to assume significant management responsibilities within the energy sector.</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p> <p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>	<p>A3</p>	<p>T3.0 T3.1 T3.2 T3.3 T3.4</p>	<p>Key transferable skills are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances. A combination of both formative and summative assessment will be utilised across every module.</p>	<p>E Employability Skills, Global Energy Outlook, Managing Energy Resources and Regulations, Logistics and Operations for Oil and Gas, Project Design and Implementation, Project Evaluation and Reflection</p>
<p>An exposition for embedding Key Transferable Skills through Teaching & Learning and Assessment at this level of the programme: The development of management and other skills relevant to the oil and gas industries through projects, critical analysis and evaluation and problem-solving.</p>					

<p>Employment Related Skills:</p> <p>For this bachelor level programme the following has been guided by the QAA Honours Degree Subject Benchmark General business and management (2007).</p> <p>By the end of this level of this programme the students will be able to demonstrate for:</p> <p>A threshold pass: The development of the qualities and transferable skills necessary for employment within the oil and gas industries, including the awareness of personal responsibility and professional codes of conduct that apply therein.</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p> <p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>	<p>A3 A4 A5</p>	<p>E4.0 E4.1 E4.2</p>	<p>Employment related skills are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances. A combination of both formative and summative assessment will be utilised across every module.</p>	<p>Employability Skills; Global Energy Outlook, Managing Energy Resources and Regulations, Logistics and Operations for Oil and Gas, Project Design and Implementation, Project Evaluation and Reflection</p>
<p>An exposition for embedding Employment Related Skills through Teaching & Learning and Assessment at this level of the programme: The embedding of employment related skills through the level 5 project modules, employability skills modules, and practical activities across the level including access to employability seminars, guest speakers, and engagement with the industry.</p>					

<p>Practical Skills:</p> <p>For this bachelor level programme the following has been guided by the FHEQ Level 5 descriptor, SEEC credit Level 5 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p> <p>By the end of this level of this programme the students will be able to demonstrate for: A threshold pass: practical demonstration of key skills such as team-working, problem solving, leadership, and interpersonal and communication skills with the ability to adapt to a range of situations, audiences, and degrees of complexities.</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p> <p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>	<p>A4 A5</p>	<p>P5.0 P5.1 P5.2 P5.3 P5.4</p>	<p>Practical skills are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances. A combination of both formative and summative assessment will be utilised across every module.</p>	<p>Employability Skills; Global Energy Outlook, Managing Energy Resources and Regulations, Logistics and Operations for Oil and Gas, Project Design and Implementation, Project Evaluation and Reflection.</p>
<p>An exposition for embedding Practical Skills through Teaching & Learning and Assessment at this level of the programme: Practical skills are developed throughout the level via activities such as simulations, projects, analysis and evaluation, group and team working.</p>					

Level: 6					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>Knowledge / Understanding:</p> <p>For this bachelor level programme the following has been guided by the FHEQ Level 6 descriptor, SEEC credit Level 6 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p> <p>By the end of this level of this programme the students will be able to demonstrate for: A threshold pass: a systematic understanding of the key aspects of oil and gas management, organisations, and their external environment including acquisition of coherent and detailed knowledge, at least some of which is at, or informed by, the forefront of defined aspects of oil and gas management.</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p> <p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>	A1 ¹⁹	K1.0 ¹⁷ K1.2 K1.4	<p>Knowledge and understanding is assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances. A combination of both formative and summative assessment will be utilised across every module.</p>	<p>Health and Safety, Emerging Themes, Strategic Decision Making in the Oil and Gas Industry</p>
<p>An exposition for embedding Knowledge and Understanding through Teaching & Learning and Assessment at this level of the programme: Application of knowledge and understanding are well embedded within modules at this level through the range of assessment strategies utilised.</p>					

¹⁹ Refer to relevant numbered aim(s) or LO(s) [as appropriate]

<p>Cognitive and Intellectual Skills:</p> <p>For this bachelor level programme the following has been guided by the FHEQ Level 6 descriptor, SEEC credit Level 6 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p> <p>By the end of this level of this programme the students will be able to demonstrate for:</p> <p>A threshold pass: An ability to think critically and deploy accurately established techniques of analysis and enquiry within oil and gas management and the broader area of business management. Development of conceptual understanding in order to devise and sustain arguments, and/or to solve problems, using ideas and techniques, which are at the forefront of the oil and gas discipline. The ability to describe and comment upon particular aspects of current research within the oil and gas discipline as well as other cognate areas.</p>	<p>Primary: Lectures and tutorials; Problem-based learning, Work-related learning, Guided independent study.</p> <p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>	<p>A2</p>	<p>C2.0 C2.1 C2.2 C2.3 C2.4</p>	<p>Cognitive and intellectual skills are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances. A combination of both formative and summative assessment will be utilised across every module.</p>	<p>Health and Safety, Emerging Theme, Strategic Decision Making in the Oil and Gas Industry</p>
<p>An exposition for embedding Cognitive and Intellectual Skills through Teaching & Learning and Assessment at this level of the programme: Demonstration through practical projects such as the capstone project including work placement, along with other modules designed to develop and assess students' cognitive and intellectual skills.</p>					
<p>Key Transferable Skills:</p>	<p>Primary:</p>			<p>Key transferable skills</p>	<p>Health and Safety,</p>

<p>For this bachelor level programme the following has been guided by the FHEQ Level 6 descriptor, SEEC credit Level 6 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p> <p>By the end of this level of this programme the students will be able to demonstrate for:</p> <p>A threshold pass: The application of the Apply the methods and techniques learned to review, consolidate, extend and apply knowledge and understanding, to initiate and carry out projects relevant to the oil and gas industries and the broader energy sector. Critically evaluation of arguments, assumptions, and abstract concepts and data, to make judgements, and to frame appropriate questions to achieve a solution or range of solutions. Communication of information, ideas, problems and solutions to both oil and gas specialist and non-specialist audiences.</p>	<p>Lectures and tutorials; Problem-based learning, Work-related learning, Guided independent study.</p> <p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>	<p>A3</p>	<p>T3.0 T3.1 T3.2 T3.3 T3.4</p>	<p>are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances. A combination of both formative and summative assessment will be utilised across every module.</p>	<p>Emerging Themes, Strategic Decision Making in the Oil and Gas Industry</p>
<p>An exposition for embedding Key Transferable Skills through Teaching & Learning and Assessment at this level of the programme: The development and application of management and other skills relevant to the oil and gas industries through projects, critical analysis and evaluation, and problem-solving.</p>					

<p>Employment Related Skills:</p> <p>For this bachelor level programme the following has been guided by the QAA Honours Degree Subject Benchmark General business and management (2007).</p> <p>By the end of this level of this programme the students will be able to demonstrate for:</p> <p>A threshold pass: The development of the qualities and transferable skills necessary for employment within the oil and gas industries, which requires the exercise of initiative and personal responsibility decision making in, complex and unpredictable contexts and the learning ability needed to undertake appropriate further training of a professional or equivalent nature.</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p> <p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>	<p>A3 A4 A5</p>	<p>E4.0 E4.1 E4.2</p>	<p>Employment related skills are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances. A combination of both formative and summative assessment will be utilised across every module.</p>	<p>Health and Safety, Emerging Themes, Strategic Decision Making in the Oil and Gas Industry</p>
<p>An exposition for embedding Employment Related Skills through Teaching & Learning and Assessment at this level of the programme: The embedding of employment related skills through the Capstone project module, project management module, and a higher level development and assessment of students' readiness for the workplace. These are supported by practical activities across the level including access to employability seminars, guest speakers, and engagement with the industry.</p>					

<p>Practical Skills:</p> <p>For this bachelor level programme the following has been guided by the FHEQ Level 6 descriptor, SEEC credit Level 6 descriptor, and the QAA Honours Degree Subject Benchmark General business and management (2007).</p> <p>By the end of this level of this programme the students will be able to demonstrate for: A threshold pass: The ability to locate a role within a poorly-defined and/or flexible contexts requiring a level of autonomy seek and apply new techniques and processes to own performance and identify how these might be evaluated, to demonstrate key skills such as team-working, problem solving, and leadership, and to sets criteria for, and be effective in, professional and interpersonal communication in a wide range of situations.</p>	<p>Primary: Lectures and tutorials, Problem-based learning, Work-related learning, Guided independent study.</p> <p>Secondary/Supplementary: Electronic and computer-based communication and learning such as live webinars, recorded audio and video lectures, and the use of social media.</p>	<p>A4 A5 A6</p>	<p>P5.0 P5.1 P5.2 P5.3 P5.4 P5.5</p>	<p>Practical skills are assessed via a combination of multiple choice tests, longer tests, exams, essays, presentations and seminar performances. A combination of both formative and summative assessment will be utilised across every module.</p>	<p>Health and Safety, Emerging Themes, Strategic Decision Making in the Oil and Gas Industry</p>
<p>An exposition for embedding Practical Skills through Teaching & Learning and Assessment at this level of the programme: Practical skills are developed throughout the level through activities such as simulations, projects, analysis and evaluation, group and team working, amongst others.</p>					

PS14. Work based/related learning

WBL is an essential element of Foundation Degrees and therefore needs to be detailed here. However, there should be an employability focus for all HE programmes, through at least Work Related Learning. Therefore, the following section is applicable to all programmes:

Level: 4					
WBL/WRL Activity:	Logistics	Prog Aim	Prog Intended LO	Range of Assessments	Related Core Module(s)
Employer site visit Guest talks	Some activities will take place on campus while others may take place at other locations. Activities outside of the GSM London's sites will be appropriately planned to ensure that students have the opportunity to attend and that all appropriate safety recommendations are fully adhered to.	A1; A3; A4	K1.0; K1.2; K.14; E4.1	Design and Implementation of projects, evaluation, reflection, multiple choice tests, longer tests, exams, essays, presentations and seminar performances.	Academic Skills, Management and Organisations, Marketing and Communications, Professional Skills, Financial and Economic Literacy for Managers, Introduction to Oil and Gas Environment.
<p>An exposition to explain this map: Students at this level will be involved in a number of activities through the delivery of the modules aimed at exposing them to the workplace. These will be delivered through simulations via presentations, employer site visits and varying assessment tools.</p>					

Level: 5					
WBL/WRL Activity:	Logistics	Prog Aim	Prog Intended LO	Range of Assessments	Related Core Module(s)
Project Employer site visit	Some activities will take place on campus while others may take place at other locations. Activities	A1; A3; A4; A6	K1.0; K1.2; K.14; C2.2; C2.3; C2.4; T3.0; T3.1; T3.2; T3.3; T3.4; E4.0;	Design and Implementation of projects, evaluation, reflection, multiple	Employability Skills, Global Energy Outlook, Managing Energy Resources

Work-based learning	outside of the GSM London's sites will be appropriately planned to ensure that students have the opportunity to attend and that all appropriate safety recommendations are fully adhered to.		E4.1; E4.2; P5.0; P5.1; P5.2; P5.3; P5.4; P5.5	choice tests, longer tests, exams, essays, presentations and seminar performances.	and Regulations, Logistics and Operations for Oil and Gas, Project/Placement Design and Implementation, Project Evaluation and Reflection.
Guest talks					
<p>An exposition to explain this map: Students at this level will be involved in the project design and implementation module (including work placement) along with the project evaluation and reflection module (including work placement evaluation and career planning). This is intended to provide them with the maximum exposure to work-based learning.</p>					

Level: 6					
WBL/WRL Activity:	Logistics	Prog Aim	Prog Intended LO	Range of Assessments	Related Core Module(s)
Project	Some activities will take place on campus while others may take place at other locations. Activities outside of the GSM London's sites will be appropriately planned to ensure that students have the opportunity to attend and that all appropriate safety recommendations are fully adhered to.	A1; A2; A3; A4; A5; A6	K1.0; K1.2; K.14; C2.2; C2.3; C2.4; T3.0; T3.1; T3.2; T3.3; T3.4; E4.0; E4.1; E4.2; P5.0; P5.1; P5.2; P5.3; P5.4; P5.5	Design and Implementation of projects, evaluation, reflection, multiple choice tests, longer tests, exams, essays, presentations and seminar performances.	Health and Safety, Emerging Themes, Strategic Decision Making in the Oil and Gas Industry
Employer site visit					
Work-based learning					
Guest talks					
<p>An exposition to explain this map: Students at this level could be involved in the capstone project module (which focuses on dissertation / consultancy project / work-based learning). Students could also be involved with the project and risk management module, and the health and safety module which provides further exposure to activities in the workplace. These are intended to provide students with the maximum exposure to work-based learning.</p>					

Appendix: Programme Structure by Delivery Mode

Full Time modes

Academic Year	Semester	Extended Standard (4 Years)		Standard (3 Years)		Extended Accelerated (3 Years)		Accelerated (2 Years)	
		Level	Module Credits	Level	Module Credits	Level	Module Credits	Level	Module Credits
Year 1	1	Year 0	60	Level 4	60	Year 0	60	Level 4	60
	2		60		60		60		
	3								
Year 2	4	Level 4	60	Level 5	60	Level 4	60	Level 5	60
	5		60		60		60		
	6								
Year 3	7	Level 5	60	Level 6	60	Level 6	60		
	8		60		60		60		
	9								
Year 4	10	Level 6	60						
	11		60						
	12								

Part Time modes

Academic Year	Semester	Extended (5 Years)		Standard (4 Years)		Academic Year		
		Level	Module Credits	Level	Module Credits			
Year 1	1	Year 0	30	Level 4	30	Year 1		
	2		30		30			
	3		30		30			
Year 2	4		Level 4		30	Level 5	30	Year 2
	5	30		30				
	6	30		30				
Year 3	7	Level 5		30	Level 6		30	Year 3
	8			30			30	
	9			30			30	
Year 4	10			Level 6			30	
	11		30			30		
	12		30			30		
Year 5	13	Level 6	30			Year 5		
	14		30					
	15		30					
Year 6	16			30			Year 6	
	17							
	18							

Appendix: Matching of modules to the relevant SEEC Level Descriptors

MODULES / SEEC DESCRIPTORS	A	B	C	D	E	F	G	H	I	J	K	L	M
STAGE 1 – HE LEVEL 1													X
Academic Skills	X		X						X			X	X
Management and Organisations	X	X	X					X	X	X	X		X
Marketing and Communications			X						X	X	X		X
Introduction to Oil and Gas Environment	X		X						X				X
Professional Skills	X	X	X						X	X		X	X
Finance and Economic Literacy for Managers	X	X	X	X					X				X
STAGE 2 – HE LEVEL 2													X
Employability Skills	X	X	X	X				X	X	X		X	X
Global Energy Outlook			X	X	X	X	X	X	X				X
Managing Energy Resources and Regulations			X	X	X	X	X	X	X				X
Logistics and Operations for Oil and Gas	X	X	X	X	X	X	X	X	X	X			X
Project/Placement Design and Implementation or Work Placement Portfolio	X	X	X	X	X	X	X	X	X	X	X	X	X
Project Evaluation or Work Placement Evaluation and Career Planning	X	X	X	X	X	X	X	X	X		X	X	X
STAGE 3 – HE LEVEL 3													X
Emerging Themes			X	X	X	X	X	X	X				X
Politics in the Oil and Gas Industry	X	X	X	X	X	X	X		X		X		X
Research and the Professional or Research Methods	X	X	X	X	X	X	X	X	X				X
Project and Risk Management	X	X	X	X	X	X	X	X	X	X	X		X
Health and Safety	X	X	X	X	X	X	X		X	X			X
Environmental Management for Sustainable Development			X	X	X	X	X		X		X		X
Strategic decision making for Oil and Gas	X	X	X	X	X	X	X	X			X		X
Capstone Project	X	X	X	X	X	X	X	X	X	X	X	X	X

<u>Setting</u>	<u>Knowledge and Understanding</u>	<u>Cognitive skills</u>	<u>Performance and practice</u>	<u>Personal and enabling skills</u>
A. Operational context	C. Knowledge and Understanding	D. Conceptualisation and Critical Thinking	H. Adaptation to Context	L. Personal evaluation and development
B. Autonomy and responsibility for actions		E. Problem Solving, Research & Enquiry	I. Performance	M. Interpersonal and communication skills
		F. Synthesis and Creativity	J. Team and organisational working	
		G. Analysis and evaluation	K. Ethical awareness & application	

Appendix: Level 5: Project Outline (PPDI5036)

Oil and gas students will be expected to undertake a number of project and work-based or related learning activities focusing on the following:

Project Input and Main Focus	Development Process	Employability and Professionalism Output
<u>Simulations:</u>	Students will learn how to use key software and simulation programmes which are relevant to the energy sector. These could include learning to run Monte Carlo simulation through a relevant simulation software programme.	Development of working knowledge and the understanding of the implication of various scenarios as well as acquisition of relevant software skills through training. This project provides students with the opportunity to evaluate and reflect on their work.
<u>SAP training</u>	Students undertake SAP training for the oil and gas industry - this is relevant to procurement and project management employment.	Development of working knowledge of the SAP system and processes to aid employment in the area of logistics and procurement. This project provides students with the opportunity to evaluate and reflect on their work.
<u>Desk/Field Research</u>	Students conduct a desk or field research for a relevant organisation (this could be a National Oil Company, Local or international oil company, relevant professional bodies, governmental or non-governmental organisation, or an agency) with the aim of providing authoritative guidance on major aspects of the organisation. Examples can include research into energy companies, new markets, and policy and regulatory activities.	Development of working knowledge of the aspects of an organisation, providing real solutions for businesses or governmental or non-governmental bodies, with significant exposure to the industry. This project provides students with the opportunity to evaluate and reflect on their work.
<u>Entrepreneurship project</u>	Students engage with the GSM Oil and Gas entrepreneurship project or relevant project within the industry (or relevant to the industry) such as the Repsol Entrepreneurial Fund, Shell360, Engineers Without Borders, and the CIMA Business Game.	On the job learning with development of relevant experience and significant exposure to business and entrepreneurial activities. This project provides students with the opportunity to evaluate and reflect on their work.
<u>Capital Projects</u>	Students will engage with the process involved with undertaking an oil and gas capital project. Capital projects require separate financing, management, governance and assurance, and are usually not part of the day-to-day operations. Students will participate in a real-life	Engagement with the capital project process is aimed at developing both professional and employability skills of students, especially developing students' business awareness skills, team building, fundraising skills, presentation and sales pitch skills, as well as exploring and evaluating

	or simulated project with focus on project efficiency, project disputes, project management, and project diagnostics.	career paths or opportunities.
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Appendix: Skills Modules

BSc (Hons) Oil and Gas Management

The skills modules will include a combination of skills based elements and subject based elements. The Learning and Skills Department are working alongside subject specialists to ensure students receive a balance of generic skills with skills relevant to their chosen discipline. Indicative examples of skills are outlined below. More detailed schemes of work are available for each student within the individual module handbooks each semester.

Academic Skills (Level 4)

Examples of Skills Based Element	Examples of Subject Based Element
Research Skills	Oil and gas journals; credible news sources for the energy sector
Critical Thinking skills	Problem solving; Critical thinking
Computer Literacy	Oil and gas resources – e.g. EI library
Referencing & Plagiarism	Harvard referencing
Academic reflection	Self-analysis and reflection

Professional Skills (Level 4)

Examples of Skills Based Element	Examples of Subject Based Element
Business Awareness skills	Companies in the oil and gas industry – e.g. pure play firms, exploration & production, transport services, retail, oil services firms, etc.
Team Building	Professionalism in oil and gas projects
Presentation and sales pitch skills	Fundraising for oil and gas projects; negotiation skills; oil and gas industry language

Social Networking skills	Oil and gas LinkedIn groups; Energy Institute
Marketing Concepts	Capital projects; new product development; brainstorming process

Employability Skills (Level 5)

Examples of Skills Based Element	Examples of Subject Based Element
Interview Skills	Recruitment trends; expectations across the energy sector
Digital Skills	Digital literacy skills for employment in the energy sector
CV Building	Energy sector internship; One-to-One with an Oil and Gas Employability Consultant
Exploring and Evaluating Career Paths/ Opportunities	The annual Hays report on employability in the Energy sector; Skills shortage areas; Industry engagement ideas – e.g. apprenticeships
Employment Action Plan	Career path mapping exercises; Participation in Industry guest speaker session(s) on-site or off-site; Produce a professional CV

Appendix: Programme Map

BSc (Hons) Oil and Gas Management

Level 4: Certificate of Higher Education (120 Credits)

KEY
Orange - Semester 1
Blue - Semester 2
Bold line - Shared module
Thin line - Unique module

Academic Skills

(15 Credits) Semester 1
Core

Management and Organisations

(15 Credits) Semester 1
Core

Introduction to Oil and Gas Environment

(15 Credits) Semester 2
Core

Professional Skills

(15 Credits) Semester 2
Core

Marketing and Communications

(30 Credits) Semester 1
Core

Financial and Economic Literacy for Managers

(30 Credits) Semester 2
Core

Level 5: Diploma of Higher Education (120 Credits)

Employability Skills

(15 Credits) Semester 1
Core

Global Energy Outlook

(15 Credits) Semester 1
Core

Managing Energy Resources and Regulations

(15 Credits) Semester 1
Core

Logistics and Operations for Oil and Gas

(15 Credits) Semester 1
Core

Project/Placement Design and Implementation

(30 Credits) Semester 2
Core

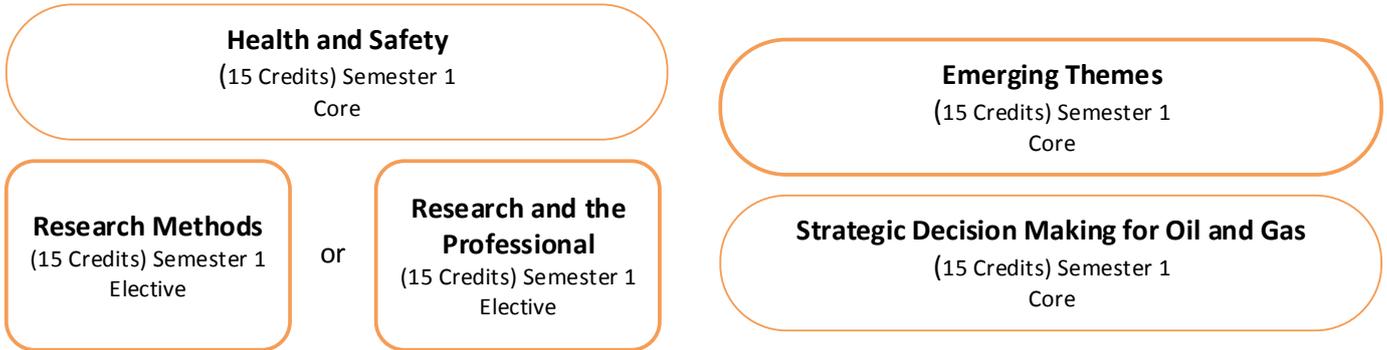
Evaluation and Reflection (Work Based/Related Learning)

(30 Credits) Semester 2
Core

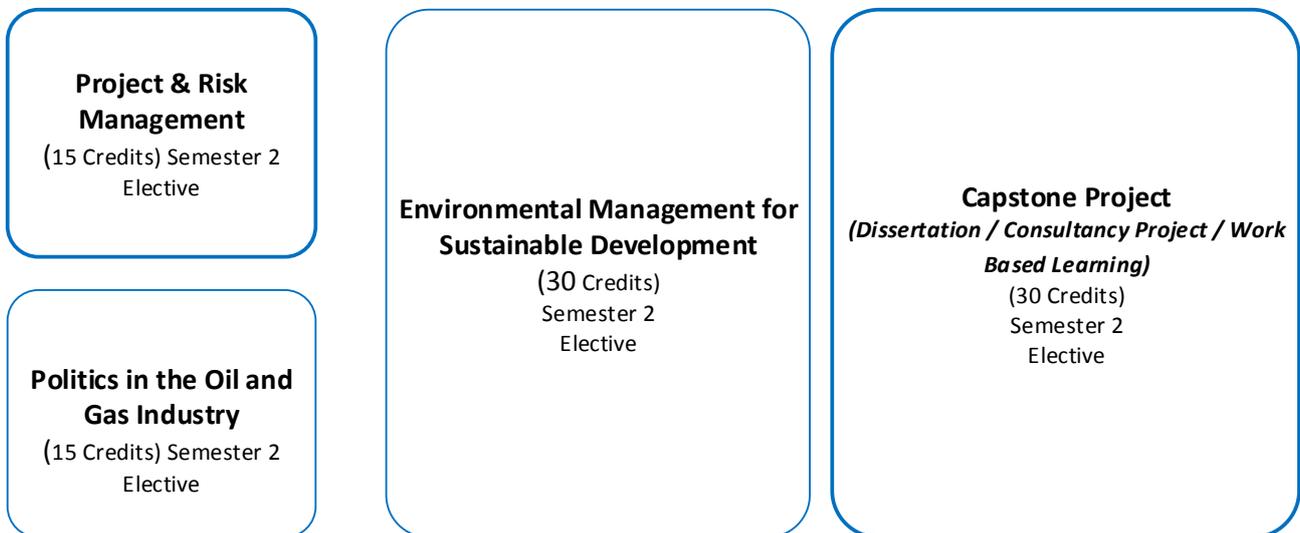
BSc (Hons) Oil and Gas Management

Level 6 (120 Credits)

KEY	
Orange	- Semester 1
Blue	- Semester 2
Bold line	- Shared module
Thin line	- Unique module



Plus any combination of elective modules equal to 60 credits:



Appendix: Summary of Programme Assessments (Including Indicative Content)
BSc (Hons) Oil and Gas Management

Module	Credits	Level	Semester	Core/Elective	Exam	Coursework	Practical
Academic Skills	15	4	1	Core		100% Indicative Content: Portfolio	
Management and Organisations	15	4	1	Core		100% Indicative Content: Written assignment 2,000 words	
Marketing and Communications	30	4	1	Core		100% Indicative Content: Report and Written assignment - (50%) Marketing report 2,000 words (50%) Communication campaign 2,000 words	
Professional Skills	15	4	2	Core		100% Indicative Content: Portfolio	
Introduction to Oil and Gas Environment	15	4	2	Core		100% Indicative Content: Written assignment - Report 2,000 words	
Financial and Economic Literacy for Managers	30	4	2	Core		100% Indicative Content: Written assignment - Coursework 2,500 words	
Employability Skills	15	5	1	Core		100% Indicative Content: Written assignment- 30% journal entries 3x 200 words each (70%) critical reflection 900 words	

Managing Energy Resources and Regulations	15	5	1	Core		100% Indicative Content: Written assignment - Report/Essay 2,500 words	
Global Energy Outlook	15	5	1	Core	50% Indicative Content: Written exam 2 hours	50% Indicative Content: Written Report/Essay Report 1,500 word count	
Logistics and Operations for Oil and Gas	15	5	1	Core		100% Indicative Content: Written assignment 2,500 words	
Project/Placement Design and Implementation	30	5	2	Core		100% Indicative Content: Portfolio	
Evaluation and Reflection Work based/related learning	30	5	2	Core		100% Indicative Content: Portfolio: Evaluation, reflective report. 4,000 words	
Politics in the Oil and Gas Industry	15	6	1	Elective		100% Indicative Content: Written assignment 3,000 words	
Emerging Themes	15	6	1	Core		100% Indicative Content: Written assignment - 50% Article Analysis 1,000 words 50% Seen case analysis 3,000 words	

Research and the Professional	15	6	1	Elective		100% Indicative Content: Written assignment - Research Proposal 4,000 words	
Research Methods	15	6	1	Elective		100% Indicative Content: Written assignment - Research Proposal 4,000 words	
Strategic Decision Making in the Oil and Gas Industry	15	6	1	Core	70% Indicative Content: Written exam Case Study 2 hours	30% Indicative Content: Report 1,500 words	
Project and Risk Management	15	6	2	Elective		70% Indicative Content: Written Assignment - Group work 2,500 words	30% Indicative Content: Oral assessment and presentation- Group Presentation 10 minutes
Environmental Management for Sustainable Development	30	6	2	Elective		100% Indicative Content: Report 90% report 4,000 words 10% Reflective Log	
Health and Safety	15	6	2	Core		100% Indicative Content: Report- Essay 3,000 word count	
Capstone Project	30	6	2	Elective		100% Indicative Content: Dissertation/Written assignment- Project	