



APPROVED

EVL1 MSc (Environmental Leadership)

Awards	
No Programme Award Assigned	
Course Stream Code:	EVL1
Mode of Delivery:	Full Time
No. of Semesters :	2
NFQ Level:	9
EQF Level:	7
EHEA Level:	Second Cycle
Embedded Award:	No
Language of Instruction:	English
Valid From:	2017-18 (01-09-17 – 31-08-18)
Course:	EVL1 MSc (Environmental Leadership)
Discipline:	College of Science
Location:	NUIG
Course Stream Director:	COLIN BROWN
Educational Aim of Course Stream:	The course aims to equip graduates with an advanced level of knowledge and problem-solving, management and communication skills in key areas relevant to the environment, marine and energy sectors.
Clearing House Code:	1. GYS33

Semester Schedules

Code: 1EVL1 / Location: NUIG / 90 ECTS / Semester 1

Optional													
Mod Code	Module Title	Co-ordinator	Level	ECTS Credits	FT Contact Hours	PT Contact Hours	Written Assessment	Continuous Assessment	Oral, Audio Visual or Practical Assessment	Department-based Assessment	Research	Study Abroad	Computer-based Assessment
EV6101	The Environment and Human Health (Approved) (Part 1 of 2)		9	5	1.83	0.00	0	100	0	0	0	0	0
TI701	Conceptualising Environment, Society & Development (Approved)		N/A	10	0.00	0.00	0	100	0	0	0	0	0
EOS6101	Global Change (Approved)		8	5	2.00	0.00	70	30	0	0	0	0	0
EV529	Environmental Impact Assessment (Approved) (Part 1 of 2)		9	5	1.00	0.00	0	70	30	0	0	0	0

Core													
Mod Code	Module Title	Co-ordinator	Level	ECTS Credits	FT Contact Hours	PT Contact Hours	Written Assessment	Continuous Assessment	Oral, Audio Visual or Practical Assessment	Department-based Assessment	Research	Study Abroad	Computer-based Assessment
EV604	Environmental problems & Solutions (Approved) (Part 1 of 2)		9	10	1.33	0.00	0	100	0	0	0	0	0
EC5103	Natural Resource Governance (Approved)		9	10	4.00	0.00	50	50	0	0	0	0	0
IE446	Project Management (Approved)		8	5	2.00	0.00	0	100	0	0	0	0	0
ME520	Research Methods (Approved) (Part 1 of 2)		9	10	2.00	0.00	0	100	0	0	0	0	0
EV535	Research Project (Approved) (Part 1 of 2)		9	30	1.67	0.00	0	100	0	0	0	0	0

Code: 1EVL1 / Location: NUIG / 90 ECTS / Semester 2

Optional													
Mod Code	Module Title	Co-ordinator	Level	ECTS Credits	FT Contact Hours	PT Contact Hours	Written Assessment	Continuous Assessment	Oral, Audio Visual or Practical Assessment	Department-based Assessment	Research	Study Abroad	Computer-based Assessment
TI6102	Marine Spatial Planning and Policy (Approved)		9	10	3.67	0.00	0	100	0	0	0	0	0
TI714.II	Introduction to Practical GIS (Approved)		10	5	2.00	0.00	0	100	0	0	0	0	0
EV532	Climate Change & Biodiversity (Approved)		9	5	1.25	0.00	0	100	0	0	0	0	0
EV534	Invasive Species & Biodiversity (Approved)		9	5	1.75	0.00	0	100	0	0	0	0	0
EV6101	The Environment and Human Health (Approved) (Part 2 of 2)		9	5	1.83	0.00	0	100	0	0	0	0	0
EV529	Environmental Impact Assessment (Approved) (Part 2 of 2)		9	5	1.00	0.00	0	70	30	0	0	0	0

Core													
Mod Code	Module Title	Co-ordinator	Level	ECTS Credits	FT Contact Hours	PT Contact Hours	Written Assessment	Continuous Assessment	Oral, Audio Visual or Practical Assessment	Department-based Assessment	Research	Study Abroad	Computer-based Assessment
ST238	Introduction to Statistical Inference (Approved)		8	5	2.83	0.00	100	0	0	0	0	0	0
EV5102	Communicating Science and Research (Approved)		9	5	2.08	0.00	0	100	0	0	0	0	0
EV604	Environmental problems & Solutions (Approved) (Part 2 of 2)		9	10	1.33	0.00	0	100	0	0	0	0	0
ME520	Research Methods (Approved) (Part 2 of 2)		9	10	2.00	0.00	0	100	0	0	0	0	0
EV535	Research Project (Approved) (Part 2 of 2)		9	30	1.67	0.00	0	100	0	0	0	0	0

Year 1 Awards :

Degree of Master of Science (Exit Only)

PO Delivery Using DETAILED Mappings

Programme Outcome Domains		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
M/E	Supporting Modules								
OPTIONAL	EV6101: The Environment and Human Health	5	5	5	5	5		8	5
OPTIONAL	TI701: Conceptualising Environment, Society & Development								
OPTIONAL	EOS6101: Global Change		7		7			7	
OPTIONAL	EV529: Environmental Impact Assessment	5	5	5	5	5		8	5
OPTIONAL	TI6102: Marine Spatial Planning and Policy	5	5	5	5	5		8	5
OPTIONAL	TI714.II: Introduction to Practical GIS	5	5	5	5	5		8	5
OPTIONAL	EV532: Climate Change & Biodiversity	5	5	5	5	5		8	5
OPTIONAL	EV534: Invasive Species & Biodiversity	5	5	5	5	5		8	5
CORE	EV604: Environmental problems & Solutions	5	5	5	5	5		8	5
CORE	EC5103: Natural Resource Governanace	6	6		6	6			
CORE	IE446: Project Management	5	5	5	5	5		8	5
CORE	ME520: Research Methods	9		9	9			9	
CORE	EV535: Research Project	8	8	8	8	8		8	8

CORE	ST238: Introduction to Statistical Inference		 9	 9	 9				
CORE	EV5102: Communicating Science and Research	 6	 6	 6		 6			

PO1.: Knowledge - Breadth

1. Demonstrate comprehensive knowledge and understanding of the theoretical background that underpins environmental/marine/energy issues, governance and current research.

Supporting Modules	
<p>EV6101 - The Environment and Human Health</p>	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
<p>EV529 - Environmental Impact Assessment</p>	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
<p>EV604 - Environmental problems & Solutions</p>	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>

Supporting Modules

EC5103 - Natural Resource Governance

LO 1: The module is designed to equip students with a strong grasp of economic behaviour and regime analysis to critically analyse natural resource management and policy that are fundamentally linked to the research activities of faculty and research staff. The programme has the following objectives: The course will introduce students to the different meanings and theoretical approaches of the governance concept;

LO 2: The course will critically evaluate the relationship between different forms of capital and economic sustainability, environmental governance and natural resource regimes;

LO 3: To provide a theoretical framework for understanding the behaviour of agents and decision makers with respect to strategic interactions and the environment

LO 4: To provide students with the necessary analytical skills to undertake a rigorous evaluation of natural resource projects governed by regimes including common property regimes

LO 5: To provide students with generic modelling and policy analysis skills

LO 6: To discuss the capital approach to sustainability and link this to regime analysis

IE446 - Project Management

LO 1: Apply EIA best practice methodology

LO 2: Differentiate between and select appropriate surveys to predict environmental impacts

LO 3: Evaluate a variety of mitigation strategies in relation to EIA

LO 4: Prepare and produce an EIS

LO 5: Critique the effectiveness of environmental impact assessment process

Supporting Modules

ME520 - Research Methods

- LO 1: Understand the process, methods and tools of conducting systems related research

- LO 2: Plan, design, and implement a significant research project in an area of enterprise systems

- LO 3: Formulate alternative research ideas and research questions

- LO 4: Develop a literature review

- LO 5: Develop a conceptual model

- LO 6: Be familiar with alternative qualitative and quantitative research designs

- LO 7: Design a data collection protocol

- LO 8: Analyse and organise scientific data

- LO 9: Synthesise, present and report research findings in an acceptable manner

EV535 - Research Project

- LO 1: Construct a well-thought through scientific project idea

- LO 2: Apply appropriate methodologies and research skills

- LO 3: Develop expertise in experimental design and planning

- LO 4: Acquire good practice in data recording

- LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data

- LO 6: Synthesise current thinking and apply it appropriately

- LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal

- LO 8: Present oral and written scientific work

Supporting Modules	
TI6102 - Marine Spatial Planning and Policy	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
TI714.II - Introduction to Practical GIS	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
EV532 - Climate Change & Biodiversity	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>

Supporting Modules	
EV534 - Invasive Species & Biodiversity	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
EV5102 - Communicating Science and Research	<p>LO 1: Demonstrate a comprehensive knowledge and understanding of the theoretical background that underpins research communication with different audiences.</p> <hr/> <p>LO 2: Assess the efficiency and relevance of different approaches to research communication</p> <hr/> <p>LO 3: Define current practice in relation to communication and social media use and relate this to best practice.</p> <hr/> <p>LO 4: Appraise the principles of communication as they pertain to empirical research findings and to evaluate how respective research might best be communicated.</p> <hr/> <p>LO 5: Demonstrate ability to apply appropriate communication methods relative to different audiences.</p> <hr/> <p>LO 6: Appraise the merit and value of science and research communication activities to help improve communication practices</p> <hr/>

PO2.: Knowledge - Kind

2. Define current practice in relation to environmental/marine/energy research and management, and community engagement at different levels and relate this to best practice.

Supporting Modules	
EV6101 - The Environment and Human Health	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p>
EOS6101 - Global Change	<p>LO 1: Critically discuss the basic science behind the natural processes that impact global climate</p> <hr/> <p>LO 2: Recognize and interpret geological and chemical indicators of present and past global change in the environment (atmosphere, water, sediment/mineral).</p> <hr/> <p>LO 3: Evaluate and appraise how human activities can be drivers of global change</p> <hr/> <p>LO 4: Explain the role of the IPCC and how it works</p> <hr/> <p>LO 5: Develop knowledge of current climate change adaptation strategies</p> <hr/> <p>LO 6: Compile scientific information from multiple sources and prepare a briefing document for a general audience.</p> <hr/> <p>LO 7: Present scientific perspectives on global change to both a specific scientific audience and to the general public</p>
EV529 - Environmental Impact Assessment	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p>

Supporting Modules	
EV604 - Environmental problems & Solutions	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
EC5103 - Natural Resource Governance	<p>LO 1: The module is designed to equip students with a strong grasp of economic behaviour and regime analysis to critically analyse natural resource management and policy that are fundamentally linked to the research activities of faculty and research staff. The programme has the following objectives: The course will introduce students to the different meanings and theoretical approaches of the governance concept;</p> <hr/> <p>LO 2: The course will critically evaluate the relationship between different forms of capital and economic sustainability, environmental governance and natural resource regimes;</p> <hr/> <p>LO 3: To provide a theoretical framework for understanding the behaviour of agents and decision makers with respect to strategic interactions and the environment</p> <hr/> <p>LO 4: To provide students with the necessary analytical skills to undertake a rigorous evaluation of natural resource projects governed by regimes including common property regimes</p> <hr/> <p>LO 5: To provide students with generic modelling and policy analysis skills</p> <hr/> <p>LO 6: To discuss the capital approach to sustainability and link this to regime analysis</p> <hr/>
IE446 - Project Management	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>

Supporting Modules	
EV535 - Research Project	<p>LO 1: Construct a well-thought through scientific project idea</p> <hr/> <p>LO 2: Apply appropriate methodologies and research skills</p> <hr/> <p>LO 3: Develop expertise in experimental design and planning</p> <hr/> <p>LO 4: Acquire good practice in data recording</p> <hr/> <p>LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data</p> <hr/> <p>LO 6: Synthesise current thinking and apply it appropriately</p> <hr/> <p>LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal</p> <hr/> <p>LO 8: Present oral and written scientific work</p> <hr/>
TI6102 - Marine Spatial Planning and Policy	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
TI714.II - Introduction to Practical GIS	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>

Supporting Modules

EV532 - Climate Change & Biodiversity

LO 1: Apply EIA best practice methodology

LO 2: Differentiate between and select appropriate surveys to predict environmental impacts

LO 3: Evaluate a variety of mitigation strategies in relation to EIA

LO 4: Prepare and produce an EIS

LO 5: Critique the effectiveness of environmental impact assessment process

EV534 - Invasive Species & Biodiversity

LO 1: Apply EIA best practice methodology

LO 2: Differentiate between and select appropriate surveys to predict environmental impacts

LO 3: Evaluate a variety of mitigation strategies in relation to EIA

LO 4: Prepare and produce an EIS

LO 5: Critique the effectiveness of environmental impact assessment process

Supporting Modules	
<p>ST238 - Introduction to Statistical Inference</p>	<p>LO 1: Understand the difference between Probability and Statistics and the role of Probability in solving statistical inference problems.</p> <hr/> <p>LO 2: Perform probability calculations about the sample mean and use them to make inferential statements.</p> <hr/> <p>LO 3: Understand some basic ideas about interval estimation; be familiar with Type I and Type II errors in hypothesis tests and be able to calculate the p-value and power of various statistical tests.</p> <hr/> <p>LO 4: Find confidence intervals and perform hypothesis tests about a single population mean, a single population proportion, the difference between two population means, and a single population variance.</p> <hr/> <p>LO 5: Analyse enumerative data through chi-squared goodness-of-fit and contingency table tests.</p> <hr/> <p>LO 6: Calculate and interpret the linear correlation coefficient for relating two variables.</p> <hr/> <p>LO 7: Fit the least squares line to data pairs, and make statistical inferences about the slope of the underlying population equation, and perform basis prediction.</p> <hr/> <p>LO 8: Understand the basics of some survey designs.</p> <hr/> <p>LO 9: Understand when and in what ways a randomised block experimental design is often superior to the completely randomised design.</p>
<p>EV5102 - Communicating Science and Research</p>	<p>LO 1: Demonstrate a comprehensive knowledge and understanding of the theoretical background that underpins research communication with different audiences.</p> <hr/> <p>LO 2: Assess the efficiency and relevance of different approaches to research communication</p> <hr/> <p>LO 3: Define current practice in relation to communication and social media use and relate this to best practice.</p> <hr/> <p>LO 4: Appraise the principles of communication as they pertain to empirical research findings and to evaluate how respective research might best be communicated.</p> <hr/> <p>LO 5: Demonstrate ability to apply appropriate communication methods relative to different audiences.</p> <hr/> <p>LO 6: Appraise the merit and value of science and research communication activities to help improve communication practices</p>

PO3.: Skill - Range

3. Demonstrate a significant range of the principal skills and practices relevant to data assessment necessary to inform decision making and management. Employ skills to plan, organise and control activities to ensure successful project completion.

Supporting Modules	
<p>EV6101 - The Environment and Human Health</p>	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
<p>EV529 - Environmental Impact Assessment</p>	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
<p>EV604 - Environmental problems & Solutions</p>	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>

Supporting Modules	
IE446 - Project Management	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
ME520 - Research Methods	<p>LO 1: Understand the process, methods and tools of conducting systems related research</p> <hr/> <p>LO 2: Plan, design, and implement a significant research project in an area of enterprise systems</p> <hr/> <p>LO 3: Formulate alternative research ideas and research questions</p> <hr/> <p>LO 4: Develop a literature review</p> <hr/> <p>LO 5: Develop a conceptual model</p> <hr/> <p>LO 6: Be familiar with alternative qualitative and quantitative research designs</p> <hr/> <p>LO 7: Design a data collection protocol</p> <hr/> <p>LO 8: Analyse and organise scientific data</p> <hr/> <p>LO 9: Synthesise, present and report research findings in an acceptable manner</p> <hr/>

Supporting Modules	
EV535 - Research Project	<p>LO 1: Construct a well-thought through scientific project idea</p> <hr/> <p>LO 2: Apply appropriate methodologies and research skills</p> <hr/> <p>LO 3: Develop expertise in experimental design and planning</p> <hr/> <p>LO 4: Acquire good practice in data recording</p> <hr/> <p>LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data</p> <hr/> <p>LO 6: Synthesise current thinking and apply it appropriately</p> <hr/> <p>LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal</p> <hr/> <p>LO 8: Present oral and written scientific work</p>
TI6102 - Marine Spatial Planning and Policy	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p>
TI714.II - Introduction to Practical GIS	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p>

Supporting Modules

EV532 - Climate Change & Biodiversity

LO 1: Apply EIA best practice methodology

LO 2: Differentiate between and select appropriate surveys to predict environmental impacts

LO 3: Evaluate a variety of mitigation strategies in relation to EIA

LO 4: Prepare and produce an EIS

LO 5: Critique the effectiveness of environmental impact assessment process

EV534 - Invasive Species & Biodiversity

LO 1: Apply EIA best practice methodology

LO 2: Differentiate between and select appropriate surveys to predict environmental impacts

LO 3: Evaluate a variety of mitigation strategies in relation to EIA

LO 4: Prepare and produce an EIS

LO 5: Critique the effectiveness of environmental impact assessment process

Supporting Modules	
<p>ST238 - Introduction to Statistical Inference</p>	<p>LO 1: Understand the difference between Probability and Statistics and the role of Probability in solving statistical inference problems.</p> <hr/> <p>LO 2: Perform probability calculations about the sample mean and use them to make inferential statements.</p> <hr/> <p>LO 3: Understand some basic ideas about interval estimation; be familiar with Type I and Type II errors in hypothesis tests and be able to calculate the p-value and power of various statistical tests.</p> <hr/> <p>LO 4: Find confidence intervals and perform hypothesis tests about a single population mean, a single population proportion, the difference between two population means, and a single population variance.</p> <hr/> <p>LO 5: Analyse enumerative data through chi-squared goodness-of-fit and contingency table tests.</p> <hr/> <p>LO 6: Calculate and interpret the linear correlation coefficient for relating two variables.</p> <hr/> <p>LO 7: Fit the least squares line to data pairs, and make statistical inferences about the slope of the underlying population equation, and perform basis prediction.</p> <hr/> <p>LO 8: Understand the basics of some survey designs.</p> <hr/> <p>LO 9: Understand when and in what ways a randomised block experimental design is often superior to the completely randomised design.</p>
<p>EV5102 - Communicating Science and Research</p>	<p>LO 1: Demonstrate a comprehensive knowledge and understanding of the theoretical background that underpins research communication with different audiences.</p> <hr/> <p>LO 2: Assess the efficiency and relevance of different approaches to research communication</p> <hr/> <p>LO 3: Define current practice in relation to communication and social media use and relate this to best practice.</p> <hr/> <p>LO 4: Appraise the principles of communication as they pertain to empirical research findings and to evaluate how respective research might best be communicated.</p> <hr/> <p>LO 5: Demonstrate ability to apply appropriate communication methods relative to different audiences.</p> <hr/> <p>LO 6: Appraise the merit and value of science and research communication activities to help improve communication practices</p>

PO4.: Skill - Selectivity

4. Display the ability to select and recommend appropriate responses and implementation of relevant legislative and regulatory controls of environment/marine/energy management and measures.

Supporting Modules	
EV6101 - The Environment and Human Health	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
EOS6101 - Global Change	<p>LO 1: Critically discuss the basic science behind the natural processes that impact global climate</p> <hr/> <p>LO 2: Recognize and interpret geological and chemical indicators of present and past global change in the environment (atmosphere, water, sediment/mineral).</p> <hr/> <p>LO 3: Evaluate and appraise how human activities can be drivers of global change</p> <hr/> <p>LO 4: Explain the role of the IPCC and how it works</p> <hr/> <p>LO 5: Develop knowledge of current climate change adaptation strategies</p> <hr/> <p>LO 6: Compile scientific information from multiple sources and prepare a briefing document for a general audience.</p> <hr/> <p>LO 7: Present scientific perspectives on global change to both a specific scientific audience and to the general public</p> <hr/>
EV529 - Environmental Impact Assessment	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>

Supporting Modules	
EV604 - Environmental problems & Solutions	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
EC5103 - Natural Resource Governance	<p>LO 1: The module is designed to equip students with a strong grasp of economic behaviour and regime analysis to critically analyse natural resource management and policy that are fundamentally linked to the research activities of faculty and research staff. The programme has the following objectives: The course will introduce students to the different meanings and theoretical approaches of the governance concept;</p> <hr/> <p>LO 2: The course will critically evaluate the relationship between different forms of capital and economic sustainability, environmental governance and natural resource regimes;</p> <hr/> <p>LO 3: To provide a theoretical framework for understanding the behaviour of agents and decision makers with respect to strategic interactions and the environment</p> <hr/> <p>LO 4: To provide students with the necessary analytical skills to undertake a rigorous evaluation of natural resource projects governed by regimes including common property regimes</p> <hr/> <p>LO 5: To provide students with generic modelling and policy analysis skills</p> <hr/> <p>LO 6: To discuss the capital approach to sustainability and link this to regime analysis</p> <hr/>
IE446 - Project Management	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>

Supporting Modules

ME520 - Research Methods

- LO 1: Understand the process, methods and tools of conducting systems related research

- LO 2: Plan, design, and implement a significant research project in an area of enterprise systems

- LO 3: Formulate alternative research ideas and research questions

- LO 4: Develop a literature review

- LO 5: Develop a conceptual model

- LO 6: Be familiar with alternative qualitative and quantitative research designs

- LO 7: Design a data collection protocol

- LO 8: Analyse and organise scientific data

- LO 9: Synthesise, present and report research findings in an acceptable manner

EV535 - Research Project

- LO 1: Construct a well-thought through scientific project idea

- LO 2: Apply appropriate methodologies and research skills

- LO 3: Develop expertise in experimental design and planning

- LO 4: Acquire good practice in data recording

- LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data

- LO 6: Synthesise current thinking and apply it appropriately

- LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal

- LO 8: Present oral and written scientific work

Supporting Modules	
TI6102 - Marine Spatial Planning and Policy	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
TI714.II - Introduction to Practical GIS	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
EV532 - Climate Change & Biodiversity	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>

Supporting Modules	
EV534 - Invasive Species & Biodiversity	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
ST238 - Introduction to Statistical Inference	<p>LO 1: Understand the difference between Probability and Statistics and the role of Probability in solving statistical inference problems.</p> <hr/> <p>LO 2: Perform probability calculations about the sample mean and use them to make inferential statements.</p> <hr/> <p>LO 3: Understand some basic ideas about interval estimation; be familiar with Type I and Type II errors in hypothesis tests and be able to calculate the p-value and power of various statistical tests.</p> <hr/> <p>LO 4: Find confidence intervals and perform hypothesis tests about a single population mean, a single population proportion, the difference between two population means, and a single population variance.</p> <hr/> <p>LO 5: Analyse enumerative data through chi-squared goodness-of-fit and contingency table tests.</p> <hr/> <p>LO 6: Calculate and interpret the linear correlation coefficient for relating two variables.</p> <hr/> <p>LO 7: Fit the least squares line to data pairs, and make statistical inferences about the slope of the underlying population equation, and perform basis prediction.</p> <hr/> <p>LO 8: Understand the basics of some survey designs.</p> <hr/> <p>LO 9: Understand when and in what ways a randomised block experimental design is often superior to the completely randomised design.</p> <hr/>

PO5.: Competence - Context

7. Identify and evaluate optimal solutions in relation to environmental problems. Select and recommend appropriate implementation of relevant measures and communicate these to others.

Supporting Modules	
EV6101 - The Environment and Human Health	<p>LO 1: Interpret projected climate change impact scenarios and differentiate between a range of associated mitigation and compensation strategies</p> <hr/> <p>LO 2: Critique the implications of climate change impacts for nature conservation policy and practice</p> <hr/> <p>LO 3: Consider climate change in preparing and planning for Natura 2000 site conservation targets</p> <hr/> <p>LO 4: Prepare and produce biodiversity guidelines in light of climate change impacts and climate change adaptation strategies</p> <hr/> <p>LO 5: Evaluate the role of spatial planning to implement adaptation strategies</p>
EV529 - Environmental Impact Assessment	<p>LO 1: Interpret projected climate change impact scenarios and differentiate between a range of associated mitigation and compensation strategies</p> <hr/> <p>LO 2: Critique the implications of climate change impacts for nature conservation policy and practice</p> <hr/> <p>LO 3: Consider climate change in preparing and planning for Natura 2000 site conservation targets</p> <hr/> <p>LO 4: Prepare and produce biodiversity guidelines in light of climate change impacts and climate change adaptation strategies</p> <hr/> <p>LO 5: Evaluate the role of spatial planning to implement adaptation strategies</p>
EV604 - Environmental problems & Solutions	<p>LO 1: Interpret projected climate change impact scenarios and differentiate between a range of associated mitigation and compensation strategies</p> <hr/> <p>LO 2: Critique the implications of climate change impacts for nature conservation policy and practice</p> <hr/> <p>LO 3: Consider climate change in preparing and planning for Natura 2000 site conservation targets</p> <hr/> <p>LO 4: Prepare and produce biodiversity guidelines in light of climate change impacts and climate change adaptation strategies</p> <hr/> <p>LO 5: Evaluate the role of spatial planning to implement adaptation strategies</p>

Supporting Modules	
<p>EC5103 - Natural Resource Governance</p>	<p>LO 1: The module is designed to equip students with a strong grasp of economic behaviour and regime analysis to critically analyse natural resource management and policy that are fundamentally linked to the research activities of faculty and research staff. The programme has the following objectives: The course will introduce students to the different meanings and theoretical approaches of the governance concept;</p> <hr/> <p>LO 2: The course will critically evaluate the relationship between different forms of capital and economic sustainability, environmental governance and natural resource regimes;</p> <hr/> <p>LO 3: To provide a theoretical framework for understanding the behaviour of agents and decision makers with respect to strategic interactions and the environment</p> <hr/> <p>LO 4: To provide students with the necessary analytical skills to undertake a rigorous evaluation of natural resource projects governed by regimes including common property regimes</p> <hr/> <p>LO 5: To provide students with generic modelling and policy analysis skills</p> <hr/> <p>LO 6: To discuss the capital approach to sustainability and link this to regime analysis</p>
<p>IE446 - Project Management</p>	<p>LO 1: Interpret projected climate change impact scenarios and differentiate between a range of associated mitigation and compensation strategies</p> <hr/> <p>LO 2: Critique the implications of climate change impacts for nature conservation policy and practice</p> <hr/> <p>LO 3: Consider climate change in preparing and planning for Natura 2000 site conservation targets</p> <hr/> <p>LO 4: Prepare and produce biodiversity guidelines in light of climate change impacts and climate change adaptation strategies</p> <hr/> <p>LO 5: Evaluate the role of spatial planning to implement adaptation strategies</p>

Supporting Modules	
EV535 - Research Project	<p>LO 1: Construct a well-thought through scientific project idea</p> <hr/> <p>LO 2: Apply appropriate methodologies and research skills</p> <hr/> <p>LO 3: Develop expertise in experimental design and planning</p> <hr/> <p>LO 4: Acquire good practice in data recording</p> <hr/> <p>LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data</p> <hr/> <p>LO 6: Synthesise current thinking and apply it appropriately</p> <hr/> <p>LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal</p> <hr/> <p>LO 8: Present oral and written scientific work</p>
TI6102 - Marine Spatial Planning and Policy	<p>LO 1: Interpret projected climate change impact scenarios and differentiate between a range of associated mitigation and compensation strategies</p> <hr/> <p>LO 2: Critique the implications of climate change impacts for nature conservation policy and practice</p> <hr/> <p>LO 3: Consider climate change in preparing and planning for Natura 2000 site conservation targets</p> <hr/> <p>LO 4: Prepare and produce biodiversity guidelines in light of climate change impacts and climate change adaptation strategies</p> <hr/> <p>LO 5: Evaluate the role of spatial planning to implement adaptation strategies</p>
TI714.II - Introduction to Practical GIS	<p>LO 1: Interpret projected climate change impact scenarios and differentiate between a range of associated mitigation and compensation strategies</p> <hr/> <p>LO 2: Critique the implications of climate change impacts for nature conservation policy and practice</p> <hr/> <p>LO 3: Consider climate change in preparing and planning for Natura 2000 site conservation targets</p> <hr/> <p>LO 4: Prepare and produce biodiversity guidelines in light of climate change impacts and climate change adaptation strategies</p> <hr/> <p>LO 5: Evaluate the role of spatial planning to implement adaptation strategies</p>

Supporting Modules	
EV532 - Climate Change & Biodiversity	<p>LO 1: Interpret projected climate change impact scenarios and differentiate between a range of associated mitigation and compensation strategies</p> <hr/> <p>LO 2: Critique the implications of climate change impacts for nature conservation policy and practice</p> <hr/> <p>LO 3: Consider climate change in preparing and planning for Natura 2000 site conservation targets</p> <hr/> <p>LO 4: Prepare and produce biodiversity guidelines in light of climate change impacts and climate change adaptation strategies</p> <hr/> <p>LO 5: Evaluate the role of spatial planning to implement adaptation strategies</p>
EV534 - Invasive Species & Biodiversity	<p>LO 1: Interpret projected climate change impact scenarios and differentiate between a range of associated mitigation and compensation strategies</p> <hr/> <p>LO 2: Critique the implications of climate change impacts for nature conservation policy and practice</p> <hr/> <p>LO 3: Consider climate change in preparing and planning for Natura 2000 site conservation targets</p> <hr/> <p>LO 4: Prepare and produce biodiversity guidelines in light of climate change impacts and climate change adaptation strategies</p> <hr/> <p>LO 5: Evaluate the role of spatial planning to implement adaptation strategies</p>
EV5102 - Communicating Science and Research	<p>LO 1: Demonstrate a comprehensive knowledge and understanding of the theoretical background that underpins research communication with different audiences.</p> <hr/> <p>LO 2: Assess the efficiency and relevance of different approaches to research communication</p> <hr/> <p>LO 3: Define current practice in relation to communication and social media use and relate this to best practice.</p> <hr/> <p>LO 4: Appraise the principles of communication as they pertain to empirical research findings and to evaluate how respective research might best be communicated.</p> <hr/> <p>LO 5: Demonstrate ability to apply appropriate communication methods relative to different audiences.</p> <hr/> <p>LO 6: Appraise the merit and value of science and research communication activities to help improve communication practices</p>

PO7.: Competence - Learning to Learn

5. Assess the gaps in their own knowledge, determine training needs and recommend appropriate action. Conduct autonomous research and communicate findings coherently and effectively.

Supporting Modules	
EV6101 - The Environment and Human Health	<p>LO 1: Construct a well-thought through scientific project idea</p> <hr/> <p>LO 2: Apply appropriate methodologies and research skills</p> <hr/> <p>LO 3: Develop expertise in experimental design and planning</p> <hr/> <p>LO 4: Acquire good practice in data recording</p> <hr/> <p>LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data</p> <hr/> <p>LO 6: Synthesise current thinking and apply it appropriately</p> <hr/> <p>LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal</p> <hr/> <p>LO 8: Present oral and written scientific work</p>
EOS6101 - Global Change	<p>LO 1: Critically discuss the basic science behind the natural processes that impact global climate</p> <hr/> <p>LO 2: Recognize and interpret geological and chemical indicators of present and past global change in the environment (atmosphere, water, sediment/mineral).</p> <hr/> <p>LO 3: Evaluate and appraise how human activities can be drivers of global change</p> <hr/> <p>LO 4: Explain the role of the IPCC and how it works</p> <hr/> <p>LO 5: Develop knowledge of current climate change adaptation strategies</p> <hr/> <p>LO 6: Compile scientific information from multiple sources and prepare a briefing document for a general audience.</p> <hr/> <p>LO 7: Present scientific perspectives on global change to both a specific scientific audience and to the general public</p>

Supporting Modules	
EV529 - Environmental Impact Assessment	<p>LO 1: Construct a well-thought through scientific project idea</p> <hr/> <p>LO 2: Apply appropriate methodologies and research skills</p> <hr/> <p>LO 3: Develop expertise in experimental design and planning</p> <hr/> <p>LO 4: Acquire good practice in data recording</p> <hr/> <p>LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data</p> <hr/> <p>LO 6: Synthesise current thinking and apply it appropriately</p> <hr/> <p>LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal</p> <hr/> <p>LO 8: Present oral and written scientific work</p>
EV604 - Environmental problems & Solutions	<p>LO 1: Construct a well-thought through scientific project idea</p> <hr/> <p>LO 2: Apply appropriate methodologies and research skills</p> <hr/> <p>LO 3: Develop expertise in experimental design and planning</p> <hr/> <p>LO 4: Acquire good practice in data recording</p> <hr/> <p>LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data</p> <hr/> <p>LO 6: Synthesise current thinking and apply it appropriately</p> <hr/> <p>LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal</p> <hr/> <p>LO 8: Present oral and written scientific work</p>

Supporting Modules

IE446 - Project Management

LO 1: Construct a well-thought through scientific project idea

LO 2: Apply appropriate methodologies and research skills

LO 3: Develop expertise in experimental design and planning

LO 4: Acquire good practice in data recording

LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data

LO 6: Synthesise current thinking and apply it appropriately

LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal

LO 8: Present oral and written scientific work

ME520 - Research Methods

LO 1: Understand the process, methods and tools of conducting systems related research

LO 2: Plan, design, and implement a significant research project in an area of enterprise systems

LO 3: Formulate alternative research ideas and research questions

LO 4: Develop a literature review

LO 5: Develop a conceptual model

LO 6: Be familiar with alternative qualitative and quantitative research designs

LO 7: Design a data collection protocol

LO 8: Analyse and organise scientific data

LO 9: Synthesise, present and report research findings in an acceptable manner

Supporting Modules

EV535 - Research Project

LO 1: Construct a well-thought through scientific project idea

LO 2: Apply appropriate methodologies and research skills

LO 3: Develop expertise in experimental design and planning

LO 4: Acquire good practice in data recording

LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data

LO 6: Synthesise current thinking and apply it appropriately

LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal

LO 8: Present oral and written scientific work

TI6102 - Marine Spatial Planning and Policy

LO 1: Construct a well-thought through scientific project idea

LO 2: Apply appropriate methodologies and research skills

LO 3: Develop expertise in experimental design and planning

LO 4: Acquire good practice in data recording

LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data

LO 6: Synthesise current thinking and apply it appropriately

LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal

LO 8: Present oral and written scientific work

Supporting Modules

TI714.II - Introduction to Practical GIS

LO 1: Construct a well-thought through scientific project idea

LO 2: Apply appropriate methodologies and research skills

LO 3: Develop expertise in experimental design and planning

LO 4: Acquire good practice in data recording

LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data

LO 6: Synthesise current thinking and apply it appropriately

LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal

LO 8: Present oral and written scientific work

EV532 - Climate Change & Biodiversity

LO 1: Construct a well-thought through scientific project idea

LO 2: Apply appropriate methodologies and research skills

LO 3: Develop expertise in experimental design and planning

LO 4: Acquire good practice in data recording

LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data

LO 6: Synthesise current thinking and apply it appropriately

LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal

LO 8: Present oral and written scientific work

Supporting Modules

EV534 - Invasive Species & Biodiversity

LO 1: Construct a well-thought through scientific project idea

LO 2: Apply appropriate methodologies and research skills

LO 3: Develop expertise in experimental design and planning

LO 4: Acquire good practice in data recording

LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data

LO 6: Synthesise current thinking and apply it appropriately

LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal

LO 8: Present oral and written scientific work

PO8.: Competence - Insight

6. Evaluate current practice in relation to environmental/marine/energy management and community engagement, and then recommend and implement improvements of current practice.

Supporting Modules	
EV6101 - The Environment and Human Health	LO 1: Apply EIA best practice methodology <hr/> LO 2: Differentiate between and select appropriate surveys to predict environmental impacts <hr/> LO 3: Evaluate a variety of mitigation strategies in relation to EIA <hr/> LO 4: Prepare and produce an EIS <hr/> LO 5: Critique the effectiveness of environmental impact assessment process <hr/>
EV529 - Environmental Impact Assessment	LO 1: Apply EIA best practice methodology <hr/> LO 2: Differentiate between and select appropriate surveys to predict environmental impacts <hr/> LO 3: Evaluate a variety of mitigation strategies in relation to EIA <hr/> LO 4: Prepare and produce an EIS <hr/> LO 5: Critique the effectiveness of environmental impact assessment process <hr/>
EV604 - Environmental problems & Solutions	LO 1: Apply EIA best practice methodology <hr/> LO 2: Differentiate between and select appropriate surveys to predict environmental impacts <hr/> LO 3: Evaluate a variety of mitigation strategies in relation to EIA <hr/> LO 4: Prepare and produce an EIS <hr/> LO 5: Critique the effectiveness of environmental impact assessment process <hr/>

Supporting Modules	
IE446 - Project Management	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
EV535 - Research Project	<p>LO 1: Construct a well-thought through scientific project idea</p> <hr/> <p>LO 2: Apply appropriate methodologies and research skills</p> <hr/> <p>LO 3: Develop expertise in experimental design and planning</p> <hr/> <p>LO 4: Acquire good practice in data recording</p> <hr/> <p>LO 5: Become skilled at suitable scientific data analyses: be able to evaluate, examine and understand research data</p> <hr/> <p>LO 6: Synthesise current thinking and apply it appropriately</p> <hr/> <p>LO 7: Write a scientific paper based on research according to the guidelines of an appropriate journal</p> <hr/> <p>LO 8: Present oral and written scientific work</p> <hr/>
TI6102 - Marine Spatial Planning and Policy	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>

Supporting Modules	
TI714.II - Introduction to Practical GIS	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
EV532 - Climate Change & Biodiversity	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>
EV534 - Invasive Species & Biodiversity	<p>LO 1: Apply EIA best practice methodology</p> <hr/> <p>LO 2: Differentiate between and select appropriate surveys to predict environmental impacts</p> <hr/> <p>LO 3: Evaluate a variety of mitigation strategies in relation to EIA</p> <hr/> <p>LO 4: Prepare and produce an EIS</p> <hr/> <p>LO 5: Critique the effectiveness of environmental impact assessment process</p> <hr/>

Who Can Access

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