

## MODULE DESCRIPTOR

### Module Title

Renewable Energy Issues

Reference	LLM109	Version	2
Created	July 2023	SCQF Level	SCQF 11
Approved	September 2018	SCQF Points	15
Amended	July 2023	ECTS Points	7.5

### Aims of Module

To develop the student's knowledge and critical understanding of renewable energy issues, and explore the sustainable development of energy by examining a variety of environmental issues.

### Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Critically analyse what is meant by renewable energy and the main issues associated with it.
- 2 Evaluate critically various types of renewable energy and legal ramifications.
- 3 Understand how putting in place renewable energy targets and support schemes can operate to promote the deployment of renewable energy projects in various regions of the world.
- 4 Critically discuss the role of legislative process in changing and enforcing standards in renewable energy usage.

### Indicative Module Content

Introduction to renewable energies; its role in sustainable development, the energy transition and fight against climate change; the corresponding policy, legislation, and regulations; the implementation and enforcement of the aforementioned.

### Module Delivery

Lectures, seminars, assigned reading, case studies, group activities, directed reading/research and a coursework assignment

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	36	36
Non-Contact Hours	114	114
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	150
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**ASSESSMENT PLAN**

*If a major/minor model is used and box is ticked, % weightings below are indicative only.*

**Component 1**

Type: Coursework Weighting: 100% Outcomes Assessed: 1, 2, 3, 4  
 Description: One coursework essay (Weighting: 100%)

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

The calculation of the overall grade for this module is based on 100% weighting of C1. An overall minimum grade D is required to pass the module.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	The student needs to achieve an A in C1.
<b>B</b>	The student needs to achieve an B in C1.
<b>C</b>	The student needs to achieve an C in C1.
<b>D</b>	The student needs to achieve an D in C1.
<b>E</b>	The student needs to achieve an E in C1.
<b>F</b>	The student needs to achieve an F in C1.
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	None.
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

- 1 CROSSLEY, P., 2019. "Renewable energy law: an international assessment" New York: Cambridge University Press.
- 2 ELLIOT, D., 2019. "Renewable Energy in the UK: past, present and future" Cham, Switzerland: Palgrave Macmillan.
- 3 EVERETT, B., PEAKE, S., WARREN, J.P., 2021. "Energy systems and sustainability: power for a sustainable future" 3rd edition. Oxford: Oxford University Press.
- 4 TWIDELL, J., 2022. "Renewable energy resources". 4th edition. London: Routledge.