

MODULE DESCRIPTOR

Module Title

Energy Policy, Sustainability And Transitions

Reference	BSM217	Version	2
Created	May 2021	SCQF Level	SCQF 11
Approved	May 2020	SCQF Points	15
Amended	August 2021	ECTS Points	7.5

Aims of Module

To enable managers to undertake a critical appraisal of the key energy, sustainability and climate change issues, to examine energy supply options and demand, and to understand the opportunities and risks as well as to evaluate the role of policy, government initiatives and the energy sector in transitioning to a low carbon economy.

Learning Outcomes for Module

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

- 1 Critically appraise global energy, sustainability and climate change issues, the full range of energy options, the changing patterns in energy supply and demand, and the mechanisms for engaging stakeholders in proffering solutions and decision making.
- 2 Critically appraise UK energy policy frameworks, strategies and policy instruments in a broader European and International context.
- 3 Critically evaluate energy sector strategic responses to key global challenges, including emergent opportunities and risks of energy system decentralisation and digitalisation.
- 4 Critically evaluate and explore the multidisciplinary dimensions of requirements for addressing the opportunities and risks of transitioning to a low carbon economy.

Indicative Module Content

Global issues of energy, sustainability and climate change; full range of energy options; changing patterns of energy supply and demand; International and European policy frameworks, examining strategies and policy instruments; UK energy policy; energy sector strategic responses; opportunities and risks of transitioning to a low carbon economy.

Module Delivery

The module is delivered in On-Campus mode by lectures, interactive group work, role play debates and directed self study. The module is delivered in Online mode by synchronous seminars and self directed learning from web-based learning materials, supported by discussion forums and online engagement.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	30	30
Non-Contact Hours	120	120
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:	The module is assessed by a portfolio coursework.				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

Component 1 comprises 100% of the module grade. To pass the module, a D grade is required.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	F
NS	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

- GATES, B., 2021. How to Avoid a Climate Disaster: The Solutions We Have and Breakthroughs We Need. New York: Knopf Publications.
- INTERNATIONAL ENERGY AGENCY (IEA), 2021. World Energy Outlook October 2021. Paris: EA Online Publications.
- JACOBSON, M., 2021. 100% Clean, Renewable Energy and Storage for Everything. Cambridge: Cambridge University Press
- MANN, M.E., 2021. The New Climate War: The Fight to Take Back our Planet. London: Scribe Publications.