

<b>Module Title</b> <b>Energy Policy and the Environment</b>  <b>Keywords</b> Energy, environment, international, supply options, frameworks, strategies and support mechanisms, public engagement, nuclear, renewables, planning.	Reference BSM117 SCQF SCQF Level 11 SCQF Points 15 ECTS Points 7.5 Created May 2007 Approved September 2014 Amended August 2013 Version No. 3
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## **This Version is No Longer Current**

The latest version of this module is available [here](#)

### **Prerequisites for Module**

None in addition to course entry requirements or equivalent

### **Corequisite Modules**

None.

### **Precluded Modules**

None.

### **Aims of Module**

To enable managers critically to undertake an appraisal of the key energy challenges facing the United Kingdom, and to place this in a broader European and International context.

### **Learning Outcomes for Module**

On completion of this module, students are

### **Mode of Delivery**

The module is delivered in taught mode by lectures, interactive group work, case study tutorials and directed self study.

The module is delivered in distance learning mode by self directed learning from web-based learning materials, supported by seminars and/or online support.

### **Assessment Plan**

Learning Outcomes Assessed
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expected to be able to:

1. Have a critical awareness of key global challenges and issues (e.g. security of supply and the carbon challenge), and the full range of energy supply options (e.g. oil and gas, cleaner coal, nuclear power, and renewable sources).
2. Critically appraise UK energy policy frameworks, strategies and support mechanisms in a broader European and International context.
3. Identify and critically evaluate energy sector strategic responses to key global challenges and issues, and governmental initiatives (e.g. EU and UK emission trading schemes, environmental management systems, industrial symbiosis networks, cleaner technology, and renewables).
4. Critically evaluate potential public positions and processes of public engagement (e.g. interest-based engagement and value/ideology based engagement), in deploying different energy options.

### Indicative Module Content

Global issues and energy; energy supply; international and European policy frameworks, strategies and support mechanisms; UK energy policy and a selection of other country cases; energy sector strategic responses; nuclear power and renewables; planning issues for energy infrastructure; public acceptance and processes of public engagement.

### Indicative Student Workload

	Full Time	Part Time	Distance Learning	Blended Learning
Contact Hours	36	36	6	16
Lectures/seminars	36	36	6	16

Component 1	1,2,3,4
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This module is assessed by portfolio coursework.

### Indicative Bibliography

1. Reports:  
ROYAL ACADEMY OF ENGINEERING, 2015. *A critical time for UK energy policy: what must be done now to deliver the UK's future energy system*. London: Royal Academy of Engineering.
2. ENERGY AND CLIMATE CHANGE COMMITTEE, 2016. *The energy revolution and future challenges for UK energy and climate change policy*. London: House of Commons HC705.
3. WATSON, J., SCRASE, I. and STAPLETON, L., 2010. *Transforming the UK's Energy*

<i>Directed Study</i>				
Assessments	36	36	36	36
Student centred learning	38	38	68	58
<i>Private Study</i>				
Private study	40	40	40	40

*System: Policies for the 2020*

*Renewables Target and Beyond. A report for Friends of the Earth. Brighton: SPRU, University of Sussex.*

4. Books:

CHERIAN, A., 2015. *Energy and Global Climate Change: Bridging the Sustainable Development Divide*. UK: John Wiley & Sons LTD. *ebook*

5. ELLIOTT, D., 2015. *Green Energy Futures: A Big Change for the Better*. Basingstoke: Palgrave MacMillan. *ebook*

6. PETIT, V., 2017. *The Energy Transition*. Cham: Springer International Publishing AG. *ebook*

7. Journals:

Energy Policy; Energy Economics; Business Strategy and the Environment; and Sustainable Development.