

## Academic Year 2021/22

### Master of Research in Urban Energy Technology and Policy

Code: 4856F

#### Notes

- (i) *These programme regulations should be read in conjunction with the University's Research Masters Degree Regulations.*
- (ii) *Unless otherwise stated under 'Type', modules are not core. A core module is a module which a student must pass and in which a fail mark may not be compensated; such modules are designated by the board of studies as essential.*
- (iii) *A compulsory module is a module which a student must take.*
- (iv) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*
- (v) *All optional modules are offered subject to the constraints of the timetable and to any restrictions on the number of students who may be taught on a particular module.*
- (vi) *As a Research Masters degree, this programme reflects specific research themes and aims incorporating research preparation. The programme comprises at least 180 credits of which at least 80 credits will be dedicated to the research project/dissertation.*

#### 1. Programme Structure

- (a) The programme is available for study in full-time mode.
- (b) The period of study for full-time mode shall be one year starting in September.
- (c) The programme comprises modules to a credit value of 180.
- (d) All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Type	Mode
ARC8020	Urban Energy	20	20			7	Core	
ARC8022	Research Project – Urban Energy	120	40	20	60	7	Core	

- (e) All candidates shall take further optional modules to a value of **40** credits. At least 10 of these credits must be selected from the research methods module list as follows. Students should study no more than 80 credits in any semester:

#### Research methods module list:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Type	Mode
HSS8001	Thinking about Research	10	10			7		
HSS8002	Information Skills	10	10			7		

- (f) Optional taught modules to a full value of 40 credits worth can be taken in either Sem 1 or Sem 2 irrespectively of the total semester credits being higher than 60.

**Other module list:**

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Type</i>	<i>Mode</i>
CEG8707	Geographic Information Systems (for SAPL)	10		10		7		Block
SPG8009	Renewable Energy: Policy, Politics & Ethics	10	10			7		Block
SPG8012	Renewable Energy: Energy Management	10	10			7		Block
SPG8013	Environmental Impact Assessment	10		10		7		Block
SPG8017	Introduction to Photovoltaics	10		10		7		Block
SPG8024	Quantifying Energy Decision Making	10	10			7		Block
SPG8025	Energy from the Earth	10		10		7		Block

With the approval of the Degree Programme Director alternative optional modules to those listed above may be selected, including one approved module listed as a Level 6 module, or any other module.

Students are encouraged to select Workshops from the Postgraduate Researcher Development Programme in the SAGE Faculty:

[https://www.ncl.ac.uk/media/wwwnclacuk/facultyofsage/files/Postgraduate\\_Researcher\\_Dev\\_Prog\\_Handbook\\_1718.pdf](https://www.ncl.ac.uk/media/wwwnclacuk/facultyofsage/files/Postgraduate_Researcher_Dev_Prog_Handbook_1718.pdf)

Some examples are provided below:

LATEX (10); MATLAB Intro. (10); MATLAB Adva. (10); Nvivo. (10); Practical Statistics I (15); Practical Statistics II (15); Critical Thinking (5); Research Essentials (5); Programming with R (10); Creativity & Pro. Solvi. (5)

## **2. Assessment methods**

Details of the assessment pattern for each module are explained in the module outline.