Programme Specification

1. **Awarding body** | University of London
2. **Teaching Institution** | Birkbeck College
3. **Programme Title(s)** | PG Dip Climate Change Management with Geographic Information Science
4. **Programme Code(s)** | See PG Dip Climate Change Management
5. **UCAS code (if applicable)** | N/A
6. **Home Department** | GEDS
7. **Exit Award(s)** | PG Cert in Climate Change Management
8. **Duration of Study (number of years)** | 1 (FT) or 2 (PT)
9. **Mode of Study** | FT/PT
10. **Level of Award (FHEQ)** | 7

11. **Other teaching depts or institution (if applicable)** | None
12. **Professional, Statutory Regulatory Body(PSRB) details (if applicable)** | None (include URL to PSRB)
13. **QAA Benchmark Group (if applicable)** | N/A

### Programme Rationale & Aims

The PG Dip in Climate Change Management with Geographic Information Science aims to meet the needs of both climate-change practitioners and those hoping to move into this fast-developing sector. The programme will provide students with a comprehensive advanced level grounding in many areas of climate change and Geographic Information Science and an opportunity to reflect on practice at both individual and corporate levels.

Compulsory modules will be undertaken in the first year in Climate Change – including science, mitigation and adaptation; Environment and Policy; Sustainable Business Practice and Energy and Climate Change. By engaging with academic, professional and popular literature students will gain an informed understanding of the key issues in these three main areas of science, policy and business. They will be able to critically evaluate scientific scenarios for future climates and landscape impacts, assess the effectiveness of different policy approaches and determine suitable business and energy responses to the climate change challenge.

In the second year of the programme, students will focus on developing research skills in Geographic Information Science (Introduction to GIS and GIS Data and Databases or Remote Sensing and Environmental GIS or Spatial Analysis and Statistics).

This programme combines modules from two ongoing MSc programmes in Climate Change Management and Geographic Information Science that run within GEDS. Students on the MSc in Climate Change Management have been able to take a Geographic Information Science module since the start of the programme and a number of extremely good dissertations have been produced, including one that is currently in press in the journal *Local Environment*. This new programme builds on and extends this strength.
Entry Criteria

A good first degree in a relevant discipline (usually a 2:1 or higher 2:2). Professional qualifications or work experience may be accepted in place of formal academic qualifications, but this is at the discretion of the admissions tutor and will be subject to College approval.

Learning Outcomes

On successful completion of this programme a student will be expected to be able to:

Subject Specific:

1. Critically evaluate scientific scenarios for future climates and landscape impacts.
2. Assess the effectiveness of different environmental policy approaches.
3. Determine suitable business responses to the climate change challenge.
4. Assess the effectiveness of various energy systems in addressing climate change.
5. Develop in-depth knowledge in particular specialist areas of climate change and environment.
6. Understand and apply Geographic Information Science-based techniques to climate change research questions.

Intellectual:

7. Understand, summarise and discuss research articles relating to both science and social science aspects of climate change.
8. Communicate climate change concepts and issues to academic, professional and lay audiences.
9. Undertake a substantial independent research project.

Practical:

10. Master a range of Geographic Information Science-based research methodologies and data analysis tools.

Personal / Social:

11. Actively take part in discussions with tutors and peers.
12. Plan effectively and organise work schedules.
13. Complete work in accordance with deadlines.
14. Communicate and collaborate effectively with other students.

Learning, teaching and assessment methods

Teaching will take place in lectures, seminars and, for the Geographic Information Science modules, practical sessions of various types. Substantive content will also be delivered through the Moodle Virtual Learning Environment. Student learning, as well as taking place within formal face-to-face sessions, will involve reading and assimilating the considerable literature on this subject and undertaking appropriate practical exercises and engaging with key experts and stakeholders in guest sessions within the programme.
Programme Description

The PGDip in Climate Change Management with Geographic Information Science comprises 6 taught modules, 2 at 30 credits, the others at 15 credits. Of these, 30 credits are in Geographic Information Science and 90 credits in Climate Change (see below). There is no dissertation.

Programme Structure

2 year programme part-time, 1 year programme full-time

Year 1

<table>
<thead>
<tr>
<th>Level</th>
<th>Module Code</th>
<th>Module Title</th>
<th>Credits</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>SSGE011S7</td>
<td>Environment and Policy</td>
<td>30</td>
<td>Compulsory</td>
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<tr>
<td>7</td>
<td>SSGE010S7</td>
<td>Climate Change</td>
<td>30</td>
<td>Compulsory</td>
</tr>
<tr>
<td>7</td>
<td>GGPH033H7</td>
<td>Sustainable Business Practice</td>
<td>15</td>
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<tr>
<td>7</td>
<td>SSGE014H7</td>
<td>Energy and Climate Change</td>
<td>15</td>
<td>Compulsory</td>
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Year 2

<table>
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<tr>
<th>Level</th>
<th>Module Code</th>
<th>Module Title</th>
<th>Credits</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>7</td>
<td>GGPH035H7</td>
<td>Introduction to Geographic Information Systems</td>
<td>15</td>
<td>Compulsory</td>
</tr>
<tr>
<td>7</td>
<td>SSGE043H7 OR SSGE049H7 OR SSGE044H7</td>
<td>GIS Data and Databases OR Remote Sensing and Environmental GIS OR Spatial Analysis and Statistics</td>
<td>15</td>
<td>Compulsory</td>
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20 Regulations

Admissions
This programme adheres to the College Admissions Policy
http://www.bbk.ac.uk/mybirkbeck/services/rules/Admissions%20Policy.pdf/view

Credit Transfer
Accredited Prior Learning will be considered in line with the College Policy on Accredited Prior Learning http://www.bbk.ac.uk/mybirkbeck/services/rules/AccreditedPriorLearning.pdf

Programme Regulations
This programme adheres to the College Common Awards Scheme
http://www.bbk.ac.uk/mybirkbeck/services/rules/casregs.pdf

Programme Specific Regulations (if applicable) N/A
### Student Support and Guidance

All Birkbeck students have access to a range of student support services, details can be found on our website here: [http://www.bbk.ac.uk/mybirkbeck/services/facilities](http://www.bbk.ac.uk/mybirkbeck/services/facilities)

### Methods of Enhancing Quality and Standards

The College has rigorous procedures in place for the monitoring and enhancing its educational provision. This includes regular monitoring of programmes drawing on feedback from various sources including external examiner’s reports, student feedback, student achievement and progression data. In addition, departments are reviewed every four to five years through the internal review process that includes external input.

For more information please see the Academic Standards and Quality website [www.bbk.ac.uk/quality](http://www.bbk.ac.uk/quality)

<table>
<thead>
<tr>
<th>Programme Director</th>
<th>Dr Becky Briant</th>
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<tr>
<td>Start Date (term/year)</td>
<td>Autumn 2009</td>
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<tr>
<td>Date approved by TQEC</td>
<td>Spring 2009</td>
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<tr>
<td>Date approved by Academic Board</td>
<td>Summer 2009</td>
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<tr>
<td>Date(s) updated/amended</td>
<td>July 2014</td>
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