

PROGRAMME SPECIFICATION for an award of the University of East Anglia						
1	Title	Climate Change				
2	Course Code(s)	T1F860101				
3	School (s)	Environmental Sciences				
4	Faculty	Faculty of Science				
5	Date of first student intake	Not Applicable – current course, already available				
6	Award	MSc				
7	Interim Award/ degree title	Standard	Certificate of Higher Education and Diploma of Higher Education (UG); Postgraduate Certificate or Postgraduate Diploma (PG).			x
		Non- standard (detail)				
8	Level	Level 6 FHEQ (Bachelors)				
		Level 7 FHEQ (Masters/Integrated Masters)				
		Other (specify)				
9	Award Regulatory Framework	Bachelors and Integrated Masters				
		Common Masters Framework				x
		Other (specify)				
		Award Regulations are published in the <a href="#">Calendar</a>				
10	Course-specific regulatory requirements	N/A				
11	Length of course	One year				
12	Board of Examiners	<a href="https://portal.uea.ac.uk/learning-and-teaching/staff/assessment/exams/board-of-examiners">https://portal.uea.ac.uk/learning-and-teaching/staff/assessment/exams/board-of-examiners</a>				
13	Mode of Attendance	Full-time	x	Part-time		Other
14	Professional Accreditation details	N/A				
15	Placement information	Professional placement				
		Year Abroad				
		Year in Industry				
		Semester Abroad				
		Other				

		None	X
16	Relevant Subject Benchmark	<a href="http://www.gaa.ac.uk/AssuringStandardsAndQuality/subject-guidance/Pages/Subject-benchmark-statements.aspx">http://www.gaa.ac.uk/AssuringStandardsAndQuality/subject-guidance/Pages/Subject-benchmark-statements.aspx</a>	
17	Course Description	<p>This course involves two compulsory modules (Climate Science and Energy and Climate – see Course Profile in the Appendix) each worth 20 credits. Students then choose three other 20-credit modules from the Course Profile list. Through their module choices and their dissertation topic, students can emphasize more scientific or social scientific issues. Students can complete the course emphasizing more scientific questions (according to the IPCC Working Group 1’s Assessment of the Science of Climate Change) or more on climate change impacts (IPCC’s WG2).</p> <p>Research dissertations are expected to focus on the general area covered by the compulsory elements of the course, and placement opportunities are provided in collaboration with business contacts (mostly, but not universally, local to East Anglia) known to staff teaching on the programme. It is recognised that placements do not suit every student, and also that both the placement company and the student must be able to benefit; there is no guarantee of being able to provide a desired placement for every student. The research dissertation comprises 20 credits from the Research Skills module plus 60 credits for the dissertation.</p>	
18	Course Profile details	<ul style="list-style-type: none"> <li>▪ to provide training in the techniques of climate research and an authoritative and up-to-date assessment of the subject of natural and anthropogenic climatic change, including climate history, present-day climate variation and climate prediction, and the impacts of climate variability on human welfare and the natural world;</li> <li>▪ to provide a high quality degree programme which combines intellectual challenge and relevance to current environmental issues;</li> <li>▪ to provide a choice of teaching modules which allows students to construct an education appropriate to their varied interests and career intentions;</li> <li>▪ to maintain the central role of research to inform teaching and to introduce students to issues at the frontier of research;</li> </ul>	

		<ul style="list-style-type: none"> <li>▪ to cultivate in students the general intellectual skills of reasoning, self-expression, numeracy, computer literacy, group work and independent research;</li> <li>▪ to develop the ability to create knowledge and understanding; to foster commitment to and enthusiasm for environmental sciences in general and the study of climate change in particular.</li> </ul> <p>Details of all courses currently offered by the University are available at <a href="https://www.uea.ac.uk/study/undergraduate/degrees">https://www.uea.ac.uk/study/undergraduate/degrees</a> and <a href="https://www.uea.ac.uk/study/postgraduate/taught-degrees">https://www.uea.ac.uk/study/postgraduate/taught-degrees</a></p>
19	<b>Learning Outcomes</b>	<p><b>Knowledge and understanding</b> of the climate system, the past record of climate variability, human-induced environmental change (specifically climate), and its impact on society and the natural world, the current research agenda in particular areas of the environmental sciences. <b>Cognitive skills</b> such as analysing and interpreting data, critically reviewing scientific literature, testing theories against observation, applying numerical and reasoning skills. <b>Subject-specific practical skills</b> such as the use of information technology for scientific study of environmental processes and problems, appliance of appropriate analytical techniques to data, designing and undertaking a research project</p>
20	<b>Graduate Attributes and Employability Skills</b>	<p>a. Communicating knowledge effectively by oral, written and graphical means with a wide range of audiences. b. Making full use of information technology: email, word processing, web, electronic databases, spreadsheets and GIS. c. Retrieving and synthesising information. d. Time management e. design and execution of projects f. Working independently. g. Working in a team. h. Being reflective.</p>
21	<b>Assessment and Feedback Strategy</b>	<p>A variety of assessment methods are used in different modules, ranging from 100% coursework to part-examination, depending on module chosen. Coursework assessment methods include essays, written discussions, class tests, problem sheets, laboratory reports, field exercises, field notebooks and seminar presentations. Skills based modules and field modules are assessed by 100% coursework. Practical skills are primarily assessed through coursework. Essays and reports are in part assessed on the skill with which bibliographic material has been obtained and discussed within the context of the assignment.</p>

		Problem solving and project-based work allows the assessment of numerical and practical skills, and each field-based module involves the assessment of practical skills.
22	<b>Additional course-specific costs that students should expect to meet</b>	Field trips (if chosen as one of the modules)

For Office Use		Programme Specification Update Record	
<b>Faculty</b>	Faculty of Science	<b>School</b>	Environmental Sciences
<b>Course Code(s)</b>	T1F860101	<b>Degree Award</b>	MSc
<b>Course Title(s)</b>	CLIMATE CHANGE		
<b>Log of annual review - Version and date of production/ revision</b>		<p>The Programme Spec should be reviewed annually and the review logged here:</p> <ol style="list-style-type: none"> <li>1) If there is no change, no new version is required.</li> <li>2) If there are any changes, the version number should be incremented, and a summary of the changes recorded here. This should include a summary of any course profile changes.</li> </ol>	
<b>Review Date</b>	<b>Course Director sign off</b>		
21.6.17	Ros Boar	Signed off by DLT for publication on the website	
19.05.17	Manoj Joshi	Minor changes only	
<b>Last active academic year</b>		To be completed if course is discontinued	
<b>Date archived</b>		To be completed if course is discontinued	

For Office Use: Admin Action (post-approval publication and annual review)	Date	Name
Course Profile updated on eVision (Team Leader)		
Programme Specification placed in shared drive folder (Team Leader)	27.06.17	R.Rogers, LTS
Web link to External Examiner information added (LTS Web administrator)		
Programme Specification uploaded onto website (LTS Web administrator)		
Planning Office informed of upload of Programme Specification onto website (LTS Web administrator)		