

Geography & Sustainable Development - Honours Level - 2018/9 - August - 2018

Sustainable Development (SD) modules

SD3100 Methodologies for Sustainable Development			
SCOTCAT Credits:	30	SCQF Level 9	Semester 2
Academic year:	2018/9		
Planned timetable:	Lectures - 14:00 - 17:00 Tuesdays		
<p>This module prepares students to undertake final year dissertation research. This module builds on the research methods explored in other SD honours modules. Students will learn about how to design and execute a research project, how to situate research questions in the broader agenda of Sustainable Development and within appropriate interdisciplinary literatures. A group research project provides the opportunity to apply this learning in a fieldwork setting. Students taking this module will understand the wider epistemological debates surrounding interdisciplinary, know how to define problems and form tractable research questions as well as how to design rigorous methodologies to answer these questions. By the end of the module each student will have developed a research proposal suitable for a final year dissertation project.</p>			
Pre-requisite(s):	Students require 30 credits in sd modules at 3000- or 4000-level. Before taking this module you must take SD2002		
Anti-requisite(s)	You cannot take this module if you take SG3201 or take SG3202 or take SG3203 or take SG3204 or take GG3201		
Learning and teaching methods of delivery:	Weekly contact: 1 x 3-hour seminar (x 7 weeks); 1 x 3-hour practical (x 3 weeks); residential field work (x 3 days)		
	Scheduled learning: 57 hours	Guided independent study: 252 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%		
	As used by St Andrews: Coursework = 100%		
Re-assessment pattern:	Coursework = 100%		
Module coordinator:	Dr R M White		
Module teaching staff:	Team taught		

SD3111 Home and Energy Geographies			
SCOTCAT Credits:	30	SCQF Level 9	Semester 1
Academic year:	2018/9		
Planned timetable:	10:00am - 1:00pm Thursdays (lectures)		
<p>An abundant and uninterrupted supply of energy underpins all of our everyday activities; it is fundamental to the quality of our lives. This module will explore the history of our energy use and how it is implicated in modern life. It will do this by exploring why we need energy, the nature of energy demand (e.g. we use more energy than ever before, and our energy demand is predicted to double by the year 2050), and the interconnectedness of energy and sustainability. This module will predominantly focus on domestic energy use (and therefore discuss notions of home, dwelling and domesticity), but will also link to international debates about energy and sustainability. Throughout the module, theories of social and technological change will be explored as a means to understanding transitions in energy demand.</p>			
Pre-requisite(s):	Before taking this module you must take SD2002 or take GG2012		
Anti-requisite(s)	You cannot take this module if you take SD3221		
Learning and teaching methods of delivery:	Weekly contact: One 2-hour lecture (x11 weeks), One 1-hour seminar (x9 weeks)		
	Scheduled learning: 31 hours	Guided independent study: 269 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%		
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%		
Re-assessment pattern:	2-hour Written Examination = 100%		
Module coordinator:	Dr L A Reid		
Module teaching staff:	Dr L Reid		

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SD4111 Governance for Sustainability				
SCOTCAT Credits:	30	SCQF Level 10	Semester	1
Academic year:	2018/9			
Availability restrictions:	Not automatically available to General Degree students			
Planned timetable:	10:00am - 1:00pm Friday			
<p>Many of the important sustainability issues we face as a society are complex and multi-faceted. Building more sustainable solutions is likely to require collaboration between different actors at multiple scales. The effectiveness of institutional arrangements has become a key question within the sustainability paradigm. What principles of governance can we bring to bear in the design and reform of governance systems which will lead to more sustainable outcomes? This module will explore insights from planning, environmental geography, political science and other social science disciplines. Students will acquire practical knowledge of governance arrangements for sustainability, as well as critical skills to assess notions of 'Good' Governance. Students will also develop transferrable research skills for policy and institutional analysis.</p>				
Pre-requisite(s):	Before taking this module you must take SD2002			
Anti-requisite(s)	You cannot take this module if you take SD3222			
Learning and teaching methods of delivery:	Weekly contact: One 2-hour lecture (x10 weeks), One 2-hour seminars (x2 weeks), One 2-hour practicals (x4 weeks)			
	Scheduled learning: 35 hours		Guided independent study: 265 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 20%, Coursework = 30%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Re-assessment pattern:	2-hour Written Examination = 100%			
Module coordinator:	Dr T A Stojanovic			
Module teaching staff:	Dr T Stojanovic			

SD4113 Environment and Development Economics				
SCOTCAT Credits:	30	SCQF Level 10	Semester	1
Academic year:	2018/9			
Availability restrictions:	Not automatically available to General Degree students			
Planned timetable:	10:00 - 12:00 Tuesday			
<p>The world has changed dramatically since the early 1700s, before the onset of modern economic growth and the industrial revolution. However, despite rapid advancements, the world today is divided between high-income, middle-income, and low-income countries. This module takes a broad perspective on economic development and how economic development interacts with the environment. The module introduces key concepts in economic development and natural resource management.</p>				
Pre-requisite(s):	Before taking this module you must take SD2002			
Anti-requisite(s)	You cannot take this module if you take SD3224 or take SD5101			
Learning and teaching methods of delivery:	Weekly contact: Two 1-hour lectures (x10 weeks), Two practicals (x4 weeks)			
	Scheduled learning: 28 hours		Guided independent study: 270 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Re-assessment pattern:	2-hour Written Examination = 100%			
Module coordinator:	Dr E McLaughlin			
Module teaching staff:	Dr E McLaughlin, Prof N Hanley, Dr T Borger			

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SD4114 Society, Sustainable Consumption and Implementing Change				
SCOTCAT Credits:	30	SCQF Level 10	Semester	2
Academic year:	2018/9			
Planned timetable:	Lectures - Thursday 10:00 - 11:00 Practicals - Thursday 11:00 - 13:00			
	<p>This module focuses on the social theories and accounts of choice, change, and stability that are gaining increasing attention in sustainable consumption debates. Research and policy in sustainable consumption is largely dominated by techno-economic thinking which overlooks social organisation of some of the more ordinary aspects of everyday life that are fundamental determinants of an individual's environmental impact. As well as considering how societies manage essential but ordinary forms of consumption, the module also expects students to design, implement and reflect on an intervention to make their local community more sustainable. This module will challenge students to think about the complexity of steering everyday life to be more sustainable.</p>			
Pre-requisite(s):	Before taking this module you must pass SD2002 and pass SD2001			
Learning and teaching methods of delivery:	Weekly contact: One 1-hour lecture (x10 weeks), One 2-hour seminar (x9 weeks), One 2-hour group presentation session (x1 week)			
	Scheduled learning: 30 hours		Guided independent study: 275 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%			
	As used by St Andrews: Coursework = 60%, 2-hour Written Examination = 40%			
Re-assessment pattern:	2-hour Written Examination = 100%			
Module coordinator:	Dr K S Ellsworth-Krebs			
Module teaching staff:	Dr K Ellsworth-Krebs			

SD4297 Dissertation in Sustainable Development				
SCOTCAT Credits:	30	SCQF Level 10	Semester	2
Academic year:	2018/9			
Availability restrictions:	Available only to Sustainable Development Honours students.			
Planned timetable:	To be arranged.			
	<p>This dissertation builds 3000-level research methods training and will demonstrate the importance of an interdisciplinary approach to key questions of sustainable development. This independent research will involve the review of relevant literatures, the application of rigorous methodologies, the collection of data as well as the appropriate analysis and interpretation of data. A final dissertation of not more than 10,000 words will comprise the primary mode of assessment but students will also participate in the Senior Honours Research Conference at which all students will present their work to members of the school. To support this learning students will be supervised by a member of staff and collective workshops on relevant skills such as oral presentation skills, approaches to scientific writing, and presenting data will also be offered. Students will also be invited to attend a dissertation away day at the beginning of the semester.</p>			
Pre-requisite(s):	Before taking this module you must take SD3100 or take SG3201 or take SG3203 or take SG3204			
Anti-requisite(s)	You cannot take this module if you take SD4299			
Learning and teaching methods of delivery:	Weekly contact: 1 away day (8 hours), 2-hour skills workshops (x4), up to 10 hours individual supervision, by arrangement with supervisor, student research conference (4 hours)			
	Scheduled learning: 30 hours		Guided independent study: 270 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 5%, Coursework = 95%			
	As used by St Andrews: Coursework (10,000-word dissertation = 95%, oral or poster presentation a student research conference = 5%) = 100%			
Re-assessment pattern:	10,000-word Dissertation = 100%			
Module coordinator:	Dr R M White			
Module teaching staff:	Team taught			

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SD4299 Dissertation in Sustainable Development				
SCOTCAT Credits:	60	SCQF Level 10	Semester	Full Year
Academic year:	2018/9			
Availability restrictions:	Core - Available only to students who intend an Honours Degree in Sustainable Development.			
Planned timetable:	To be arranged.			
<p>This module is largely based upon independent study. Students select a research question in Sustainable Development, mount a research programme to investigate the topic, and write a dissertation on the work. The topic is selected during the second semester of the junior honours year; data can be collected during the following vacation with data analysis and the writing of the dissertation taking place over both semesters of Senior Honours. Each student is supervised by a member of the teaching staff from an appropriate disciplinary area who will ensure that the topic chosen is viable and advise students on data collection and analysis. Students attend an introductory session at the start of semester 2, followed by a series of 'workshop' sessions covering aspects of research design and process during the semester. Individual tutorials are decided between the individual student and their supervisors. The dissertation will normally be based in the disciplinary area of the student's partner subject, but in recognition of the interdisciplinary nature of the field of study of sustainable development and of the SD Programme, the dissertation will itself be interdisciplinary to some extent. An important component of the dissertation is the annual Senior Honours Research Conference at which all students present their work to members of the school and to Junior Honours students as an oral presentation.</p>				
Pre-requisite(s):	Before taking this module you must take SG3201 or take SG3203 or take SG3204 or take SD3100			
Anti-requisite(s)	You cannot take this module if you take SD4002 or take SD4297			
Learning and teaching methods of delivery:	Weekly contact: Up to 8 hours of guided study per student over the semester (one-to-one supervision, by arrangement with supervisor), plus a 1 day (8-hour) conference			
	Scheduled learning: 16 hours		Guided independent study: 584 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Dissertation and Conference Paper = 100%			
Re-assessment pattern:	Oral Examination = 100%			
Module coordinator:	Dr R M White			
Module teaching staff:	Team taught			