

Sustainable Development (SD) modules

SD1000 What is Sustainable Development?			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 2
Academic year:	2015/6 & 2016/7		
Planned timetable:	9.00 am Mon - Fri		
	'Sustainable Development' is a term that is very widely used internationally, nationally and locally by academics, policy-makers, businesses and NGOs, but what does it really mean? This module is designed to provide an introductory overview to underpinning ideas, such as social justice, human well-being, inter-generational equity and environmental stewardship, which are embedded within notions of sustainable development as key areas of debate in defining and interpreting the concept. The module also provides an account of how sustainable development has emerged as such a powerful idea, and examines different disciplinary perspectives on what issues sustainable development should be trying to address, as well as exploring the value of an interdisciplinary approach in studying and facilitating sustainable development.		
Programme module type:	Compulsory for Sustainable Development		
Pre-requisite(s):	GG1001		
Learning and teaching methods and delivery:	Weekly contact: 2-hour lectures (x 11 weeks) 1-hour tutorials (x 6 weeks), 1 x 8-hour fieldwork in total		
	Scheduled learning: 36 hours	Guided independent study: 164 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%		
	As used by St Andrews: 2-hour Written Examination = 50%, Coursework = 50%		
Re-Assessment:	2-hour Written Examination = 100%		
Module Co-ordinator:	Dr A Brown		
Lecturer(s)/Tutor(s):	Team taught		

Geography & Geosciences - 1000 & 2000 Level - 2015/6 - September 2015

SD2001 Sustainable Development: Frameworks for Implementation				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Academic year:	2015/6 & 2016/7			
Planned timetable:	1.00 pm Mon, Tue, Fri (lectures), 9.00 am and 10.00 am Wed, 10 am Thu (seminars/tutorials)			
<p>Having considered in Level 1 why the concept of sustainable development (SD) is important and key concerns and areas of debate in understanding meanings of SD, Level 2 of the programme progresses to introduce aspects of how SD might be encouraged and facilitated. This module considers broad conceptual approaches to implementing SD. It includes more traditional frameworks based on governance and regulation ('command and control') as well as examining the role and importance of other approaches, including environmental economics and the use of market-based mechanisms, technological innovation, self-regulation, changing individual lifestyles, education and community-based enablement, and the principles of conservation science. The module also addresses the extent to which these different approaches are independent or can be used together to bring about change for SD.</p>				
Programme module type:	Compulsory for Sustainable Development			
Pre-requisite(s):	SD1001 or SD1003 (2015/6), GG1001 and SD1000 (2016/7)			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures (x 11 weeks), 4 x 1-hour seminars, 5 x 1-hour tutorials, 2 x 1-hour debriefing sessions, 2 x 6-hour fieldtrips during the semester.			
	Scheduled learning: 56 hours		Guided independent study: 244 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 30%, Practical Examinations = 20%, Coursework = 50%			
	As used by St Andrews: 2-hour Written Examination = 50%, Coursework = 50%			
Re-Assessment:	2-hour Written Examination = 100%			
Module Co-ordinator:	Dr T A Stojanovic			
Lecturer(s)/Tutor(s):	Team taught			

SD2002 Sustainable Development: Tools for Action				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Academic year:	2015/6 & 2016/7			
Planned timetable:	1.00 pm Mon, Tue, Thu, Fri (lectures), 10.00 am and 11.00 am Tue & Wed, 9.00 am & 10.00 am Thu (seminars/tutorials), 10.00 am Wed & Thu (labs)			
<p>It is not often clear how ideas from sustainable development catalysed real-world change. The SD2002 module builds upon core themes from SD2001 and looks at 'how' different agents, such as governments, corporations, and individuals enact change. Fundamental to this module is the development of methodologies used to gather evidence and study the problems faced in SD. The module will challenge students to develop critical analysis skills; both qualitative and quantitative. A highlighting feature of the SD2002 module is a field-trip to the Links at St Andrews, to learn about sustainability initiatives in the golf industry.</p>				
Programme module type:	Compulsory for Sustainable Development			
Pre-requisite(s):	SD2001			
Learning and teaching methods and delivery:	Weekly contact: 38 lectures (3 lectures x 11 weeks plus 5 extra lectures); 1-hour seminar (x 8 weeks); 1-hour tutorial (x 4 weeks); 2-hours practicals (x 3 weeks); and 1 x 4-hours fieldtrip			
	Scheduled learning: 56 hours		Guided independent study: 244 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 20%, Coursework = 30%			
	As used by St Andrews: 2-hour Written Examination = 50%, Coursework = 50%			
Re-Assessment:	2-hour Written Examination = 100%			
Module Co-ordinator:	Dr J Long			
Lecturer(s)/Tutor(s):	Team taught			