

## School of Geography &amp; Geosciences

## Geography (GG) modules

GG3100 Reconstructing Past Environments				
<b>SCOTCAT Credits:</b>	20	SCQF Level 9	<b>Semester:</b>	1
<b>Academic year:</b>	2016/7			
<b>Availability restrictions:</b>	Available every year			
<b>Planned timetable:</b>	To be arranged.			
This module focuses on how we can use many strands of evidence to reconstruct past environments. Focusing on the period since the end of the last Ice Age (approximately the last 20,000 years), we discuss topics such as post-glacial sea level change, Holocene vegetation development and the prehistoric 'wildwood', and the changing nature of human impacts on the environment right up to the present day. The module includes field excursions and laboratory classes where you will learn to read the record of change locked up in peats, sediments and other environmental materials. Assessment includes a broad mixture of group and individual coursework, focused on using primary observations to understand how our world has changed over time.				
<b>Programme module type:</b>	Optional for all degrees involving Geography			
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011, GG2012, or in SD2001			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 1-hour lecture (x 4 weeks) , 2-hour seminar (x 5 weeks), 2-hour practical classes (x 3 weeks), 4-hours fieldwork (x 3 weeks)			
	<b>Scheduled learning:</b> 32 hours		<b>Guided independent study:</b> 168 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 0%, Practical Examinations = 30%, Coursework = 70%			
	<b>As used by St Andrews:</b> Coursework (including 30% Lab/fieldwork) = 100%			
<b>Re-Assessment pattern:</b>	2-hour Written Examination = 100%			
<b>Module Co-ordinator:</b>	Dr K Roucoux			
<b>Lecturer(s)/Tutor(s):</b>	Various			

## Geography & Geosciences Honours Level 2015/6 - August 2015

GG3221 Geographies of Identity and Power				
SCOTCAT Credits:	20	SCQF Level 9	Semester:	1
Academic year:	2015/6			
Availability restrictions:	Offered on a two-year cycle			
Planned timetable:	2.00 pm - 4.00 pm Tue			
Drawing on theories of gender and sexuality, this module charts how political questions about identity and power have become central to a broad range of contemporary issues. This module introduces key concepts in the theorisation of gender and sexuality, contextualises their development in the social sciences more generally, and applies them to a range of contemporary geographic issues including: power, segregation, inequality, representation and the political.				
Programme module type:	Optional for all degrees involving Geography			
Pre-requisite(s):	Passes at Grade 11 or better in GG2011 and GG2012, or in SD2001 and SD2002			
Learning and teaching methods and delivery:	<b>Weekly contact:</b> 1 x 2-hour lecture (x 10 weeks) and 1 x 2-hour revision session.			
	<b>Scheduled learning:</b> 22 hours		<b>Guided independent study:</b> 178 hours	
Assessment pattern:	<b>As defined by QAA:</b> Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	<b>As used by St Andrews:</b> 2-hour Written Examination = 50%, Coursework = 50%			
Re-Assessment pattern:	2-hour Written Examination = 100%			
Module Co-ordinator:	Dr M B Sothern			
Lecturer(s)/Tutor(s):	Dr M B Sothern			

GG3224 HIV/AIDS in sub-Saharan Africa				
SCOTCAT Credits:	20	SCQF Level 9	Semester:	1
Academic year:	2015/6			
Availability restrictions:	Offered on a two-year cycle			
Planned timetable:	11.00 am - 1.00 pm Wed			
This module makes the case for a social-scientific, not merely biomedical understanding of HIV/AIDS in sub-Saharan Africa. It addresses the geographies of this phenomenon, exploring the politics of scaling, uneven global distributions, social contexts that facilitate its spread and the situatedness of sexual decision-making. The module investigates the role of gender relations, poverty, migration and youth. It also explores the everyday geographies of those living with AIDS, and evaluates proposed local and global solutions. The module is reading- and seminar-based. It utilises action-based assessment that challenges students to take their learning out of the classroom and transmit it to other contexts.				
Programme module type:	Optional for all degrees involving Geography			
Pre-requisite(s):	Passes at Grade 11 or better in GG2011 and GG2012, or in SD2001 and SD2002			
Learning and teaching methods and delivery:	<b>Weekly contact:</b> 1-hour lecture (x 8 weeks) , 1-hour seminar (x 8 weeks), 2-hour practical classes (x 2 weeks) and 1 x 2-hour feedback/revision session.			
	<b>Scheduled learning:</b> 22 hours		<b>Guided independent study:</b> 178 hours	
Assessment pattern:	<b>As defined by QAA:</b> Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	<b>As used by St Andrews:</b> 2-hour Written Examination = 50%, Coursework = 50%			
Re-Assessment pattern:	2-hour Written Examination = 100%			
Module Co-ordinator:	Dr M G Kesby			
Lecturer(s)/Tutor(s):	Dr M G Kesby			

GG3227 Colonial and Postcolonial Geographies				
<b>SCOTCAT Credits:</b>	20	SCQF Level 9	<b>Semester:</b>	1
<b>Academic year:</b>	2016/7			
<b>Availability restrictions:</b>	Offered on a two-year cycle.			
<b>Planned timetable:</b>	To be arranged.			
This module traces the historical geography of modern colonialism from its sixteenth-century beginnings in Spain's discovery and conquest of the New World, through to the break-up of European colonial empires after World War II, and up to what has been called 'the colonial present' and the 'new imperialism' (revolving around the USA and the 'war on terror'). Emphasis will be placed on how colonialism, past and present, operates as a logic of displacement and dispossession, and as both a conceptual space (imaginative geography) and physical space (material geography) of encounter and conflict and resistance involving a wide array of projects of colonisation and resistance.				
<b>Programme module type:</b>	Optional for all degrees involving Geography or Sustainable Development			
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012, or in SD2001 and SD2002			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 1 x 1-hour lecture, 1 x 1-hour seminar (x 11 weeks) + 2 x 1-hour feedback/revision sessions			
	<b>Scheduled learning:</b> 24 hours		<b>Guided independent study:</b> 176 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	<b>As used by St Andrews:</b> 2-hour Written Examination = 60%, Coursework = 40%			
<b>Re-Assessment pattern:</b>	2-hour Written Examination = 100%			
<b>Module Co-ordinator:</b>	Dr D W Clayton			
<b>Lecturer(s)/Tutor(s):</b>	Dr D W Clayton			

GG3232 Housing, Community and Social-Spatial Justice				
<b>SCOTCAT Credits:</b>	20	SCQF Level 9	<b>Semester:</b>	1
<b>Academic year:</b>	2016/7			
<b>Availability restrictions:</b>	Offered on a two-year cycle.			
<b>Planned timetable:</b>	To be arranged.			
This interdisciplinary module brings a Housing Studies perspective to the study of Urban Social Geography. Social geography is a sub-discipline that is interested in social relations and social difference. It has an analytical focus on the forms of power that lead to social and spatial inequality. Through engaging with contemporary policy and political debates about poverty and place, urban marginality and social-spatial (in)justice, this module emphasises the way in which geographical knowledge can be usefully applied to contemporary urban social 'problems'. In doing so, it also highlights how communities themselves have been active in leading place-based solutions to build better places.				
<b>Programme module type:</b>	Optional for all degrees involving Geography or Sustainable Development			
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012, or in SD2001 and SD2002			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 1 x 1-hour lecture, 1 x 1-hour seminar (x 11 weeks) + 2 x 1-hour revision sessions			
	<b>Scheduled learning:</b> 22 hours		<b>Guided independent study:</b> 178 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	<b>As used by St Andrews:</b> 2-hour Written Examination = 60%, Coursework = 40%			
<b>Re-Assessment pattern:</b>	2-hour Written Examination = 100%			
<b>Module Co-ordinator:</b>	Dr K McKee			
<b>Lecturer(s)/Tutor(s):</b>	Dr K McKee			

## Geography & Geosciences Honours Level 2015/6 - August 2015

GG3234 Migration and Transnationalism			
<b>SCOTCAT Credits:</b>	20	SCQF Level 9	<b>Semester:</b> 1
<b>Academic year:</b>	2016/7		
<b>Availability restrictions:</b>	Offered on a two-year cycle.		
<b>Planned timetable:</b>	To be arranged.		
<p>This module is designed to advance students' appreciation of the chief academic arguments associated with migration and transnationalism. Geographical analysis of the changing role of labour migration in the world economy offers a distinctive perspective on this spatially, socially and economically selective process. Other new mobilities, such as the very significant increase in international student mobility, illustrate the complex ways in which globalisation interfaces with the efforts of individuals, families and communities to add to their social and cultural capital. Although dominantly concerned with international mobility, other scales of analysis will also be considered (e.g. the body). Finally, the course briefly covers issues associated with immigration, refugee and asylum policies.</p>			
<b>Programme module type:</b>	Optional for all degrees involving Geography or Sustainable Development		
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012, or in SD2001 and SD2002		
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 1 hour lecture and 1 hour seminar (x 10 weeks) + 2 x 1-hour essay feedback and exam revision sessions.		
	<b>Scheduled learning:</b> 22 hours	<b>Guided independent study:</b> 178 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%		
	<b>As used by St Andrews:</b> 2-hour Written Examination = 50%, Coursework = 50%		
<b>Re-Assessment pattern:</b>	2-hour Written Examination = 100%		
<b>Module Co-ordinator:</b>	Dr D McCollum		
<b>Lecturer(s)/Tutor(s):</b>	Dr D McCollum		

## Geography & Geosciences Honours Level 2015/6 - August 2015

GG3236 The Geography of Entrepreneurship and Self-employment				
<b>SCOTCAT Credits:</b>	20	SCQF Level 9	<b>Semester:</b>	1
<b>Academic year:</b>	2015/6			
<b>Availability restrictions:</b>	Offered on a two-year cycle.			
<b>Planned timetable:</b>	3.00 pm - 5.00 pm Mon			
<p>How to promote entrepreneurship and firm formation have been major research and policy questions for some time, and especially since the financial crisis of 2007-2009. The UK experienced a sharp increase in microbusinesses in the years following the crisis, and most such businesses are run by self-employed workers who do not employ other people. Using examples from the UK and beyond, this module explores how entrepreneurship, firm formation and self-employment both create and are influenced by economic geographies that stretch across a variety of (local, regional, national and international) scales. Macro and micro factors and influences will be examined using a wide range of data sources and studies, and drawing on key concepts in economic geography such as embeddedness and social networks. Social and spatial inequalities associated with entrepreneurship and self-employment will be critically assessed.</p>				
<b>Programme module type:</b>	Optional for all degrees involving Geography or Sustainable Development			
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012, or in SD2001 and SD2002			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 1-hour lecture and 1-hour seminar (x 10 weeks) and 6 office hours over the semester.			
	<b>Scheduled learning:</b> 26 hours		<b>Guided independent study:</b> 174 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 60%, Practical Examinations = 40%, Coursework = 0%			
	<b>As used by St Andrews:</b> 2-hour Written Examination = 60%, Coursework (Presentation) = 40%			
<b>Re-Assessment pattern:</b>	2-hour Written Examination = 100%			
<b>Module Co-ordinator:</b>	Dr D Reuschke			
<b>Lecturer(s)/Tutor(s):</b>	Dr D Reuschke			

## Geography & Geosciences Honours Level 2015/6 - August 2015

GG3237 Political and Cultural Geographies of the Border				
<b>SCOTCAT Credits:</b>	20	SCQF Level 9	<b>Semester:</b>	1
<b>Academic year:</b>	2015/6			
<b>Availability restrictions:</b>	Offered on a two-year cycle.			
<b>Planned timetable:</b>	12.00 noon - 2.00 pm Tue			
<p>This module focuses on a critical analysis and empirical reflection on the border and its functions, to better appreciate borders' paradoxical cultural and political roles. It will provide a framework for understanding contemporary bordering practices, their role in processes of identity-building and the constitution of belonging and difference within the fields of political and cultural geography. It will provide an introduction to the multi-disciplinary arenas of border studies, critical geopolitics, and biopolitics. An understanding of the over-arching power of discourse will be central to this course; the examples used will provide students with a deeper appreciation of how discourses work in the transmission of knowledge and the legitimisation of action. This module will challenge students to think about the complex functions of the border and their deeply political nature.</p>				
<b>Programme module type:</b>	Optional for all degrees involving Geography or Sustainable Development			
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012, or in SD2001 and SD2002			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 1 x 1-hour lecture (x 11 weeks) 1 x 1-hour seminar (x 11 weeks) 2 hours feedback and additional exam prep sessions			
	<b>Scheduled learning:</b> 24 hours		<b>Guided independent study:</b> 176 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%			
	<b>As used by St Andrews:</b> 1-hour Written Examination = 40%, Coursework = 60%			
<b>Re-Assessment pattern:</b>	2-hour Written Examination = 100%			
<b>Module Co-ordinator:</b>	Dr S Leahy			
<b>Lecturer(s)/Tutor(s):</b>	Dr S Leahy			

GG3262 Climate and Weather Systems				
<b>SCOTCAT Credits:</b>	20	SCQF Level 9	<b>Semester:</b>	1
<b>Academic year:</b>	2016/7			
<b>Availability restrictions:</b>	Offered on a two-year cycle.			
<b>Planned timetable:</b>	To be arranged.			
<p>Weather affects every aspect of life, and is a fundamental control on many environmental systems. This module explores the workings of the atmosphere at a wide range of scales, from the formation of clouds and raindrops, through thunderstorms and cyclones, up to large-scale circulation of the atmosphere. Beginning from first principles, key physical processes are introduced and used to develop a deep understanding of the earth's weather and climate. The module concludes with a critical examination of the climate change debate.</p>				
<b>Programme module type:</b>	Optional for all degrees involving Geography or Sustainable Development, or - by arrangement - Environmental Geoscience			
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 2 hours lectures and 2 hours seminars (x 5 weeks) + 2 x 1-hour essay feedback and exam revision sessions			
	<b>Scheduled learning:</b> 22 hours		<b>Guided independent study:</b> 178 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	<b>As used by St Andrews:</b> Written Examination = 60%, Coursework = 40%			
<b>Re-Assessment pattern:</b>	2-hour Written Examination = 100%			
<b>Module Co-ordinator:</b>	Prof D I Benn			
<b>Lecturer(s)/Tutor(s):</b>	Prof D I Benn			

## Geography & Geosciences Honours Level 2015/6 - August 2015

GG3263 Glaciers and Glaciation				
<b>SCOTCAT Credits:</b>	20	SCQF Level 9	<b>Semester:</b>	1
<b>Academic year:</b>	2016/7			
<b>Availability restrictions:</b>	Offered on a two-year cycle.			
<b>Planned timetable:</b>	To be arranged.			
<p>In recent years, concern has risen about the impact of climate change on glaciers and ice sheets, and the implications for sea level rise, natural hazards and water resources. This course critically evaluates these issues, and explores the fundamental glaciological processes required to understand them. The first part of the course focuses on how glaciers function and interact with climate, and covers glacier mass balance (snowfall and ice melt), hydrology, processes of glacier motion and ice dynamics. The second part then applies these principles to important issues, such as glacier lake outburst floods, water resources in glacier-fed river basins, the future of the Antarctic and Greenland Ice Sheets, and sea level change.</p>				
<b>Programme module type:</b>	Optional for all degrees involving Geography or Sustainable Development, or - by arrangement - Environmental Geoscience			
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 1 x 1-hour lecture, 1 x 1-hour seminar (x 11 weeks) + 1 x 1-hour revision session + 1 residential (two-day – 16 hours) field course during the semester.			
	<b>Scheduled learning:</b> 37 hours		<b>Guided independent study:</b> 163 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	<b>As used by St Andrews:</b> 2-hour Written Examination = 60%, Coursework = 40%			
<b>Re-Assessment pattern:</b>	2-hour Written Examination = 100%			
<b>Module Co-ordinator:</b>	Prof D I Benn			
<b>Lecturer(s)/Tutor(s):</b>	Prof D I Benn			

GG3264 Oceans and Climate				
<b>SCOTCAT Credits:</b>	20	SCQF Level 9	<b>Semester:</b>	1
<b>Academic year:</b>	2016/7			
<b>Availability restrictions:</b>	Offered on a two-year cycle.			
<b>Planned timetable:</b>	To be arranged.			
<p>The oceans play a key role in the global climate system. The aim of this module is to foster an understanding of: (1) changes in ocean circulation and climate, the possible mechanisms for such changes and the wider implications in terms of past, present and future global and regional climates; and (2) to provide an introduction to some of the research methods employed to determine oceanographic changes.</p>				
<b>Programme module type:</b>	Optional for all degrees involving Geography or Sustainable Development, or - by arrangement - Environmental Geoscience			
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 1 x 1-hour lecture, 1 x 1-hour seminar (x 11 weeks) + 1 x 1-hour revision session during the semester.			
	<b>Scheduled learning:</b> 23 hours		<b>Guided independent study:</b> 177 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	<b>As used by St Andrews:</b> Written Examination = 60%, Coursework = 40%			
<b>Re-Assessment pattern:</b>	2-hour Written Examination = 100%			
<b>Module Co-ordinator:</b>	Prof W E N Austin			
<b>Lecturer(s)/Tutor(s):</b>	Prof W E N Austin			

## Geography & Geosciences Honours Level 2015/6 - August 2015

GG3271 Coastal Processes			
<b>SCOTCAT Credits:</b>	20	SCQF Level 9	<b>Semester:</b> 1
<b>Academic year:</b>	2015/6		
<b>Availability restrictions:</b>	Offered on a two-year cycle.		
<b>Planned timetable:</b>	2.00 pm - 4.00 pm Thu		
<p>The majority of the world's population live in close proximity to the coastal zone. Coastal processes are highly dynamic and sensitive to external drivers, including long-term climate change and anthropogenic activities. Understanding these systems is important for developing appropriate coastal management strategies. Coasts (and coastal processes) therefore represent an excellent opportunity to study the interactions between humans and their physical environment.</p> <p>The module aims to enhance students' understanding of environment-shaping processes and to offer advanced field-based training in the coastal environment. Including practical classes and an obligatory, reasonably priced, weekend field excursion, it encourages students to think about the ways in which process knowledge can inform coastal management.</p>			
<b>Programme module type:</b>	Optional for all degrees involving Geography or Sustainable Development, or - by arrangement - Environmental Geoscience		
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012 and/or SD2001 and SD2002	<b>Anti-requisite(s):</b>	GG3067
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> weekly lectures.		
	<b>Scheduled learning:</b> 30 hours	<b>Guided independent study:</b> 170 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%		
	<b>As used by St Andrews:</b> 2-hour Written Examination = 60%, Coursework = 40%		
<b>Re-Assessment pattern:</b>	2-hour Written Examination = 100%		
<b>Module Co-ordinator:</b>	Prof W E N Austin		
<b>Lecturer(s)/Tutor(s):</b>	Prof W E N Austin		



## Geography & Geosciences Honours Level 2015/6 - August 2015

GG3272 Biogeography				
<b>SCOTCAT Credits:</b>	20	SCQF Level 9	<b>Semester:</b>	1
<b>Academic year:</b>	2015/6			
<b>Availability restrictions:</b>	Offered on a two-year cycle.			
<b>Planned timetable:</b>	11.00 am – 2:00 pm Thu			
<p>Biogeography is the study of the geographical distribution of organisms, and it is at the heart of our understanding of Earth system function. Controlled by numerous interacting physical and biological factors operating on a wide range of temporal and spatial scales, biogeography is critical to understanding past, present and future trajectories of ecosystem change. In this module we will study some of the many active and fascinating debates in the field of biogeography including the application of fundamental biogeographical principles to current conservation policy. Teaching is through a combination of lectures, seminars and workshops, plus one half-day field excursion.</p>				
<b>Programme module type:</b>	Optional for all degrees involving Geography or Sustainable Development, or - by arrangement - Environmental Geoscience			
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012 and/or SD2001 and SD2002			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 1-hour lecture, (X 11 weeks), 1-hour seminar (x 6 weeks) 2-hour workshops(x 4 weeks) 6-hour fieldwork (x 1 week)			
	<b>Scheduled learning:</b> 31 hours		<b>Guided independent study:</b> 169 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%			
	<b>As used by St Andrews:</b> 2-hour Written Examination = 40%, Coursework = 60%			
<b>Re-Assessment pattern:</b>	<p>Student will have to resit the failed component(s) in order to obtain a capped mark of 7 for the module as a whole, completing one or more of the following:</p> <ul style="list-style-type: none"> <li>- A 1500 word report, following the format of Assessment 1, using a different, secondary dataset (30%)</li> <li>- A 1500 word guide to the biogeography of a selected region (i.e. a different region to the first attempt; 30%)</li> <li>- A two-hour written exam (40%).</li> </ul>			
<b>Module Co-ordinator:</b>	Dr I Lawson			
<b>Lecturer(s)/Tutor(s):</b>	Dr I Lawson, Dr K Roucoux			

Geography & Geosciences Honours Level 2015/6 - August 2015

GG3301 Special Topic for Joint or Major Honours in Geography (Junior Honours)			
<b>SCOTCAT Credits:</b>	10	SCQF Level 9	<b>Semester:</b> 1
<b>Academic year:</b>	2015/6 & 2016/7		
<b>Availability restrictions:</b>	Entry to a Joint or Major Honours programme in Geography.		
<b>Planned timetable:</b>	To be arranged.		
This module is designed to allow Joint or Major Honours students in their Junior Honours year to engage with the subject matter of a selected 20-credit optional module in Geography (GG3221 - GG3289) yet balance the workload across the four semesters of their Honours programme. Students complete the contact hours of their chosen module but undertake a separate assessment.			
<b>Programme module type:</b>	Optional for Joint Honours Geography and all 'Geography with' degrees		
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012		
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> Students undertake the lecture/seminar contact hours associated with any 3000-level GG, SG or SD coded option module, but do a separate assessment (4000-word essay). Weekly contact hours vary (with the option module taken), but the average scheduled learning across the range of modules available is 23 hours.		
	<b>Scheduled learning:</b> 23 hours	<b>Guided independent study:</b> 77 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%		
	<b>As used by St Andrews:</b> Coursework = 100%		
<b>Re-Assessment pattern:</b>	Coursework Essay = 100%		
<b>Module Co-ordinator:</b>	Dr D McCollum		
<b>Lecturer(s)/Tutor(s):</b>	Various		

## Geography & Geosciences Honours Level 2015/6 - August 2015

<b>GG3302 Special Topic for Honours in Geography (Senior Honours)</b>				
<b>SCOTCAT Credits:</b>	10	SCQF Level 9	<b>Semester:</b>	1
<b>Academic year:</b>	2015/6 & 2016/7			
<b>Availability restrictions:</b>	Entry to a Joint or Major Honours programme in Geography.			
<b>Planned timetable:</b>	To be arranged.			
This module is designed to allow Honours students in their Senior Honours year to engage with the subject matter of a selected 20-credit optional module in Geography (GG3221 - GG3289) yet balance the workload across the four semesters of their Honours programme. Students complete the contact hours of their chosen module but undertake a separate assessment.				
<b>Programme module type:</b>	Optional for Joint Honours Geography, all 'Geography with' degrees and Single Honours students also taking ID4001 or ID4002.			
<b>Pre-requisite(s):</b>	Passes at Grade 11 or better in GG2011 and GG2012			
<b>Required for:</b>	Single Honours Geography students also taking ID4001 or ID4002			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> Students undertake the lecture/seminar contact hours associated with any 3000-level GG, SG or SD coded option module, but do a separate assessment (4000-word essay). Weekly contact hours vary (with the option module taken), but the average scheduled learning across the range of modules available is 23 hours.			
	<b>Scheduled learning:</b> 23 hours		<b>Guided independent study:</b> 77 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	<b>As used by St Andrews:</b> Coursework = 100%			
<b>Re-Assessment pattern:</b>	Coursework Essay = 100%			
<b>Module Co-ordinator:</b>	Dr D McCollum			
<b>Lecturer(s)/Tutor(s):</b>	Various			

## Geography & Geosciences Honours Level 2015/6 - August 2015

GG4201 Advanced Debates in Geography				
SCOTCAT Credits:	10	SCQF Level 10	Semester:	2
Academic year:	2015/6 & 2016/7			
Availability restrictions:	Core - available every year.			
Planned timetable:	11.00 am - 1.00 pm Tue			
This module extends and provides a summation of work undertaken in the geography Honours programme, providing students with an opportunity to reflect on the scope and diversity of geography as a discipline and to think holistically about their own learning. The module is structured around a set of readings and seminars that encourage student to study and debate important contemporary issues and debates within geography (e.g. climate change, globalisation, the nature of social inequality, the interface between nature and culture). It is examined with a single three-hour examination comprised of a mixture of seen and unseen exam questions. These address the nature of geography as a discipline and the way in which geographical reasoning has or might be applied to significant contemporary issues.				
Programme module type:	Compulsory core for Single Honours Geography Optional for all 'Geography with' degrees			
Pre-requisite(s):	GG3201, or 1 of SG3201 - SG3204			
Learning and teaching methods and delivery:	Weekly contact: 6 x 2-hour seminars during the semester.			
	Scheduled learning: 12 hours		Guided independent study: 88 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: 2-hour Written Examination = 100%			
Re-Assessment pattern:	2-hour Written Examination = 100%			
Module Co-ordinator:	Dr D W Clayton			
Lecturer(s)/Tutor(s):	Team taught			

GG4297 Joint Honours Research Dissertation in Geography				
SCOTCAT Credits:	30	SCQF Level 10	Semester:	2
Academic year:	2015/6 & 2016/7			
Availability restrictions:	Core - available every year.			
Planned timetable:	To be arranged.			
The research dissertation is the fundamental piece of independent work upon which the Geography degree is based. It provides students with the opportunity to design and undertake an independent, original piece of empirical research under the supervision of a member of staff. The dissertation is a substantial, independent piece of research that represents the culmination of both substantive and core training in Geography (Guidelines for printing and binding dissertations can be found at: <a href="http://www.st-andrews.ac.uk/printanddesign/dissertation/">http://www.st-andrews.ac.uk/printanddesign/dissertation/</a> ).				
Programme module type:	Compulsory for Joint Honours Geography			
Pre-requisite(s):	GG3202, SG3202	Anti-requisite(s):	GG4298	
Learning and teaching methods and delivery:	Weekly contact: Up to 8 hours of guided study per student over the semester (one-to-one supervision, by arrangement with supervisor)			
	Scheduled learning: 8 hours		Guided independent study: 292 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Dissertation = 100%			
Re-Assessment pattern:	Oral Examination = 100%			
Module Co-ordinator:	Dr E Ferraro			
Lecturer(s)/Tutor(s):	Team taught			

## Geography & Geosciences Honours Level 2015/6 - August 2015

GG4298 Research Dissertation in Geography			
<b>SCOTCAT Credits:</b>	50	SCQF Level 10	<b>Semester:</b> 2
<b>Academic year:</b>	2015/6 & 2016/7		
<b>Availability restrictions:</b>	Core - available every year.		
<b>Planned timetable:</b>	To be arranged.		
<p>The research dissertation is the fundamental piece of independent research work upon which the Geography degree is based. It provides students with the opportunity to design and undertake an independent, original piece of empirical research under the supervision of a member of staff. The dissertation is a substantial, independent piece of research that represents the culmination of substantive and core training in Geography. 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 in either oral paper sessions or scientific poster sessions. (Guidelines for printing and binding dissertations can be found at: <a href="http://www.st-andrews.ac.uk/printanddesign/dissertation/">http://www.st-andrews.ac.uk/printanddesign/dissertation/</a>)</p>			
<b>Programme module type:</b>	Compulsory core for Single Honours Geography, all 'Geography with' degrees		
<b>Pre-requisite(s):</b>	GG3201 or GG3203, SG3201 or SG3203	<b>Anti-requisite(s):</b>	GG4297
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 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		
	<b>Scheduled learning:</b> 16 hours	<b>Guided independent study:</b> 490 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%		
	<b>As used by St Andrews:</b> Dissertation and Conference presentation = 100%		
<b>Re-Assessment pattern:</b>	Oral Examination = 100%		
<b>Module Co-ordinator:</b>	Dr E Ferraro		
<b>Lecturer(s)/Tutor(s):</b>	Team taught		

## Geography & Geosciences Honours Level 2015/6 - August 2015

GG4301 Advanced Study for Joint or Major Honours in Geography			
<b>SCOTCAT Credits:</b>	10	SCQF Level 10	<b>Semester:</b> 1
<b>Academic year:</b>	2015/6 & 2016/7		
<b>Availability restrictions:</b>	Entry to a Joint or Major Honours programme in Geography		
<b>Planned timetable:</b>	To be arranged.		
<p>This module is designed to allow Joint or Major Honours students in their Senior Honours year to engage with the subject matter of a selected 20-credit optional module in Geography (GG3221 - GG3289) yet balance the workload across the four semesters of their Honours programme. Students complete the contact hours of their chosen module but undertake a separate assessment, at 4000-level (an advanced essay).</p>			
<b>Programme module type:</b>	Optional for all degrees involving Geography except Single Honours		
<b>Pre-requisite(s):</b>	Entry to a Joint or Major Honours programme in Geography, and normally a pass in one of GG3202, GG3203, or SG3202, SG3203		
<b>Learning and teaching methods and delivery:</b>	<p><b>Weekly contact:</b> Students undertake the lecture/seminar contact hours associated with any 3000-level GG, SG or SD coded option module, but do a separate assessment (4000-word essay). Weekly contact hours vary (with the option module taken), but the average scheduled learning across the range of modules available is 23 hours.</p>		
	<b>Scheduled learning:</b> 23 hours	<b>Guided independent study:</b> 77 hours	
<b>Assessment pattern:</b>	<p><b>As defined by QAA:</b> Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%</p>		
	<p><b>As used by St Andrews:</b> Coursework = 100%</p>		
<b>Re-Assessment pattern:</b>	Coursework Essay = 100%		
<b>Module Co-ordinator:</b>	Dr D McCollum		
<b>Lecturer(s)/Tutor(s):</b>	Various		