

InterDisciplinary (ID) Modules

ID1003 Great Ideas 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	1.00 pm Mon, 1.00 pm Tue, 1.00 pm Thu.			
	The aim of the module is to trace some of the major intellectual and societal threads in the development of modern civilisation: the 'canon' of modern thought. The module focuses on four themes: logic, reason, and evidence; religion and culture; economics and society; and technology. The aim throughout is to develop students' historical and cultural knowledge, along with their analytical and critical skills. Use is made of original source material where possible, and lectures are supplemented by facilitated discussion sessions.			
Programme module type:	Available to any degree programme.			
Learning and teaching methods and delivery:	Weekly contact: 2 to 3 lectures and 1 tutorial.			
	Scheduled learning: 40 hours		Guided independent study: 160 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: 3-hour Examination = 100%			
Module Co-ordinator:	Dr C Hooley			

ID1004 Great Ideas 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	1.00 pm Mon, 1.00 pm Tue, 1.00 pm Thu.			
	Students will be introduced to influential thinkers, theories and texts across four main themes: the nature of reality; matter and the cosmos and their representations in the Arts; the idea of human rights and justice; and the principle of evolution as applied within and beyond the biological sciences. Students will encounter thinkers from Plato to Einstein, via Newton, Kant, Wollstonecraft and Darwin. They will develop an appreciation of the wider importance of figures such as these to a range of human intellectual endeavour across disciplinary boundaries. Use is made of original source material where possible, and lectures are supplemented by facilitated discussion sessions. This module complements Great Ideas 1, but may be studied independently			
Programme module type:	Available to any degree programme.			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 42 hours		Guided independent study: 158 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: 3-hour Examination = 100%			
Module Co-ordinator:	Dr E Hart			

InterDisciplinary - 1000 & 2000 Level 2012/13 - August 2012

ID2003 Science Methods				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	1
Planned timetable:	1.00 pm Mon, 1.00 pm Tue, 4.00 pm Thu.			
<p>This module provides an overview of the rationale, methods, history and philosophy of science. We explore the different definitions of science, the distinction between science and pseudo-science, the design of experiments, critical thinking, errors in reasoning, methods of making inferences and generalisations, the role of personal experience and anecdotes in science, the process of scientific publication and the role of anomalies in science. The module is collaboratively taught by staff from a number of schools in the university providing a useful methodological background for all science students.</p>				
Programme module type:	Available to any degree programme.			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and 1 practical class.			
	Scheduled learning: 33 hours		Guided independent study: 67 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 1.5-hour Examination = 50%			
Module Co-ordinator:	Dr C G M Paxton, Mathematics & Statistics			
Lecturer(s)/Tutor(s):	Dr C G M Paxton, Dr E Rexstad, Dr D Russell			