

School of Medicine

MD3001 Medicine: Honours 1 (Cardiovascular and Respiratory Systems)				
<b>SCOTCAT Credits:</b>	60	SCQF Level 9	<b>Semester:</b>	1
<b>Academic year:</b>	2012/3			
<b>Availability restrictions:</b>	Available only to students enrolled in the B.Sc. Honours Medicine programme.			
<b>Planned timetable:</b>	To be arranged.			
<p>Medical Science Honours 1 and 2 form the second turn of the curriculum spiral taking an integrated approach to the scientific basis of medicine at an Honours level. These modules will build upon the material delivered in the preceding Foundations of Medicine modules 1 and 2. Medicine Honours 1 will: - cover the structure and functions of the cardiovascular and respiratory systems. The anatomy of the thorax will be studied by dissection. - introduce the disease mechanisms and therapy of disorders pertinent to these body systems - use relevant clinical problems and clinical skills to provide clinical context - integrate the ethical, moral and behavioural aspects relevant to these systems.</p>				
<b>Programme module type:</b>	Compulsory for B.Sc. Honours Medicine			
<b>Pre-requisite(s):</b>	MD2001 and MD2002			
<b>Required for:</b>	MD4001, MD4002, MD4003			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 10 Lectures and 6 hours of seminars/tutorials/practicals each week. Clinical case studies and clinical skills on a 2-week cycle including 5 day placements in clinical settings Up to 6 hours per week of directed self-learning.			
	<b>Scheduled learning:</b> 304 hours		<b>Guided independent study:</b> 296 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%			
	<b>As used by St Andrews:</b> Coursework comprised of two written examinations totaling 25% of the module grade; Attainment of competence in clinical skills appropriate for this module (Pass/Fail). Module Examinations comprised of two written examinations totaling 75% of the module grade			
<b>Module Co-ordinator:</b>	Dr A Fleet and Dr W Dhaliwal			

## Medicine - Honours Level 2012/13 - August 2012

MD3002 Medicine: Honours 2 (Reproductive, Renal and Gastrointestinal Systems)			
<b>SCOTCAT Credits:</b>	60	SCQF Level 9	<b>Semester:</b> 2
<b>Planned timetable:</b>	To be arranged.		
<p>Medicine Honours 2 will: - provide in depth coverage of the structure and functions of the reproductive, renal and gastrointestinal systems. The anatomy of the abdomen and pelvis will be studied by dissection. - cover the disease mechanisms and therapy of the disorders pertinent to these body systems - use relevant clinical problems to provide the clinical context - will integrate the ethical, moral and behavioural aspects relevant to these systems.</p>			
<b>Programme module type:</b>	Compulsory for B. Sc Honours Medicine		
<b>Pre-requisite(s):</b>	MD2001 and MD2002		
<b>Required for:</b>	MD4001, MD4002, MD4003		
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 10 Lectures and 6 hours of seminars/tutorials/practicals each week. Clinical case studies and clinical skills on a 2-week cycle including 5 day placements in clinical settings. Up to 6 hours per week of directed self-learning.		
	<b>Scheduled learning:</b> 258 hours	<b>Guided independent study:</b> 342 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%		
	<b>As used by St Andrews:</b> Coursework comprised of two written examinations totaling 25% of the module grade; Attainment of competence in clinical skills appropriate for this module (Pass/Fail). Module Examinations comprised of two written examinations totaling 75% of the module grade		
<b>Module Co-ordinator:</b>	Dr J P Issberner, Dr A Laidlaw		

MD4001 Medicine: Honours 3 (Central Nervous System and Endocrine System)				
<b>SCOTCAT Credits:</b>	60	SCQF Level 10	<b>Semester:</b>	1
<b>Availability restrictions:</b>	Available only to students enrolled in the B.Sc. Honours Medicine programme.			
<b>Planned timetable:</b>	To be arranged.			
<p>This module continues the strategy of the spiral curriculum by revisiting foundation knowledge and progressing to the most complex integrative physiological systems namely the central nervous and endocrine systems. Medicine Honours 3 will: - provide in depth coverage of normal structure and function of the CNS and endocrine systems. The anatomy of the head and neck will be studied by dissection - introduce diseases and possible therapies pertinent to these important control systems - present case studies associated with the CNS and endocrine systems to highlight appropriate clinical skills for the identification of neurological and endocrinological disorders - utilise audiovisual, literary and theoretical works to integrate ethical issues and behavioural science with clinical medicine.</p>				
<b>Programme module type:</b>	Compulsory for B.Sc Honours Medicine			
<b>Pre-requisite(s):</b>	MD3001 and MD3002			
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> 10 Lectures and 6 hours of seminars/tutorials/practicals each week Clinical case studies and clinical skills on a 2-week cycle including 5 day placements in clinical settings. Up to 6 hours per week of directed self-learning.			
	<b>Scheduled learning:</b> 304 hours		<b>Guided independent study:</b> 296 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%			
	<b>As used by St Andrews:</b> Coursework comprised of two written examinations totaling 25% of the module grade; Attainment of competence in clinical skills appropriate for this module (Pass/Fail). Module Examinations comprised of two written examinations totaling 75% of the module grade			
<b>Module Co-ordinator:</b>	Dr J P Issberner, Dr R Davies			

## Medicine - Honours Level 2012/13 - August 2012

MD4002 Medicine: Honours 4 (Student-selected component)			
<b>SCOTCAT Credits:</b>	40	SCQF Level 10	<b>Semester:</b> 2
<b>Academic year:</b>	2012/3		
<b>Availability restrictions:</b>	Available only to students enrolled in the B.Sc. Honours Medicine programme.		
<b>Planned timetable:</b>	To be arranged.		
Students will undertake an Honours level Student-Selected Component (SSC) such as a research project or a library project. These SSCs will enable students to pursue an area of their own particular interest at an advanced level. SSCs will involve one of the following: - scientific research assessed by dissertation and oral presentation - library project assessed by dissertation and oral presentation			
<b>Programme module type:</b>	Compulsory for B.Sc Honours Medicine		
<b>Pre-requisite(s):</b>	MD3001 and MD3002		
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> To be arranged.		
	<b>Scheduled learning:</b> 0 hours	<b>Guided independent study:</b> 400 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 90%, Practical Examinations = 10%, Coursework = 0%		
	<b>As used by St Andrews:</b> Scientific research or library project assessed by dissertation (90%) and oral presentation (10%).		
<b>Module Co-ordinator:</b>	Prof L S Kent, Dr R Davies		

MD4003 Medicine: Honours 5 (Applied Medical Science)			
<b>SCOTCAT Credits:</b>	20	SCQF Level 10	<b>Semester:</b> 2
<b>Availability restrictions:</b>	Available only to students enrolled in the B.Sc. Honours Medicine programme.		
<b>Planned timetable:</b>	To be arranged.		
Knowledge acquired by the students in the earlier parts of the curriculum will be consolidated. This course is primarily taught by clinicians (including honorary staff) and case studies will be used extensively to direct student learning. Medicine Honours 5 (Applied Medical Science) will: - review clinical anatomy in preparation for clinical training. - give students the opportunity to significantly advance their clinical and communication skills in terms of patient examination techniques and associated procedures e.g. venepuncture, intravenous cannulation, bladder catheterisation, rectal digital examination, cardiopulmonary resuscitation, measurement of blood pressure, lumbar puncture. - provide opportunities for developing skills relevant to problem based learning			
<b>Programme module type:</b>	Compulsory for B.Sc Honours Medicine		
<b>Pre-requisite(s):</b>	MD3001 and MD3002		
<b>Learning and teaching methods and delivery:</b>	<b>Weekly contact:</b> To be arranged.		
	<b>Scheduled learning:</b> 48 hours	<b>Guided independent study:</b> 152 hours	
<b>Assessment pattern:</b>	<b>As defined by QAA:</b> Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%		
	<b>As used by St Andrews:</b> 1 Objectively Structured Clinical Exam (OSCE) of 2 hours duration (100%)		
<b>Module Co-ordinator:</b>	Dr P Bjeloglic, Dr E Sinclair		