

School of Medicine

Medicine (MD) modules

MD2001 Foundations of Medicine 1				
SCOTCAT Credits:	60	SCQF Level 8	Semester:	1
Academic year:	2016/7 & 2017/8			
Availability restrictions:	Available only to students enrolled in the BSc Honours Medicine programme.			
Planned timetable:	To be arranged.			
<p>The medical course takes the form of an integrated spiral curriculum, where teaching in all relevant subjects is delivered grouped holistically or by systems and revisited with increasing complexity throughout the course. Foundations of Medicine 1 and 2 form the initial turn of the spiral in which fundamentally important knowledge is reviewed. During subsequent turns of the spiral, the topics covered in these two modules will be revisited at a more advanced level and with increasing clinical application. A series of core, introductory clinical cases illustrates the clinical context throughout Foundations of Medicine 1 and 2. Foundations of Medicine 1 provides a general overview of the structure and functions of the body systems from the microscopic to the macroscopic level: reviews molecular and cellular medicine; gives a preliminary introduction to medical ethics and communication skills relevant to medicine; uses clinical problems to develop an understanding of the levels of consciousness and the assessment of health status. The module also includes an anatomical overview of the major body systems and the dissection of the back.</p>				
Programme module type:	Compulsory for BSc Honours Medicine - not available to any other students			
Pre-requisite(s):	There will be direct entry into course for students approved by the Faculty Executive Group of Medicine.			
Required for:	MD3001, MD3002			
Learning and teaching methods and delivery:	Weekly contact: 10 Lectures and 6 hours of seminars/tutorials/practicals each week. Clinical case studies, clinical and communication skills on a 2-week cycle including 1 x 2 hours session with volunteer patients. Up to 6 hours per week of directed self-learning			
	Scheduled learning: 250 hours		Guided independent study: 350 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%			
	As used by St Andrews: Module Examinations will comprise 2 written examinations totaling 75% of the module grade. Coursework will comprise a written examination totaling 25% of the module grade.			
Re-Assessment pattern:	2 x 1.5-hour Written Examinations = 100%			
Module Co-ordinator:	Dr A Hughes			

Medicine - 2000 Level - 2016/7 - August 2016

MD2002 Foundations of Medicine 2				
SCOTCAT Credits:	60	SCQF Level 8	Semester:	2
Academic year:	2016/7 & 2017/10			
Availability restrictions:	Available only to students enrolled in the BSc Honours Medicine programme.			
Planned timetable:	To be arranged.			
<p>Foundations of Medicine 2 continues the introduction of fundamental topics into the curriculum including the principles of disease mechanisms and therapy, and the development of clinical and communication skills. Foundations of Medicine 2 provides an in-depth study of the musculo-skeletal system including nerve and muscle physiology, control of movement and the autonomic nervous system. The anatomy of the upper and lower limbs are studied by dissection. A particular focus for this module is the introduction of topics essential to the practise of medicine, including public health and health psychology. The clinical problems in this module centre on trauma, deep vein thrombosis and pathological fracture.</p>				
Programme module type:	Compulsory for BSc Honours Medicine - not available to any other students			
Pre-requisite(s):	There will be direct entry into course for students approved by the Faculty Executive Group of Medicine.			
Required for:	MD3001, MD3002			
Learning and teaching methods and delivery:	<p>Weekly contact: 10 Lectures and 6 hours of seminars/tutorials/practicals each week. Clinical case studies, clinical and communication skills on a 2-week cycle including 2 x 2 hour sessions with volunteer patients. Up to 6 hours per week of directed self-learning.</p>			
	Scheduled learning: 250 hours		Guided independent study: 350 hours	
Assessment pattern:	<p>As defined by QAA: Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%</p>			
	<p>As used by St Andrews: Module Examinations will comprise 2 written examinations totaling 75% of the module grade. Attainment of competence in clinical skills appropriate to this stage of a medical curriculum as demonstrated in a pass/fail objective structured clinical exam (OSCE). Coursework will comprise a written examination totaling 25% of the module grade.%</p>			
Re-Assessment pattern:	2 x 1.5-hour Written Examinations = 100%			
Module Co-ordinator:	Dr S Shirreffs			

MD2201 The Art of the Medical Practitioner				
SCOTCAT Credits:	5	SCQF Level 8	Semester:	1
Academic year:	2016/7 & 2017/12			
Availability restrictions:	Available only to students on the one-semester Pre-health Study Abroad programme.			
Planned timetable:	To be arranged.			
<p>This programme will be comprised of:</p> <ul style="list-style-type: none"> •A series of ten three-hour workshops, including practical demonstrations •Visits to a GP surgery where patients with specific conditions, including Orthopaedic, Respiratory, Neurological and Cardiovascular, will be presented and examined. <p>The workshops are designed to demonstrate “The Art of Medicine” and its practice in clinical and academic settings. Participants will be actively encouraged to develop their own powers of observation through examination of cadaveric pro-sections, medical X-ray investigations and clinical examination of patients.</p> <p>Topics covered include:</p> <ul style="list-style-type: none"> •How to take a patient history •Taking a history from simulated and volunteer patients •Patient journey and the effect of their conditions have had upon them (socially, financially, psychologically) •Importance of effective infection control (MRSA, pandemics etc.) •Essay topic •The anatomy of limbs and the thorax in the context of clinical disease presentations <p>By the end of the workshops, students will have developed skills in clinical communications. Workshops will underline the fundamental importance of understanding the basics so that one can diagnose conditions by building on the basic sciences whilst applying the art of the clinician.</p>				
Programme module type:	Available only to students on the one-semester Pre-health Study Abroad Programme - not available to any other students			
Pre-requisite(s):	Must be on the North American Pre-Health Study Abroad Programme			
Learning and teaching methods and delivery:	Weekly contact: 3-hour practical class (x 1 week), 3-hour tutorials (x 8 weeks), 3-hours of Field work (x 1 week)			
	Scheduled learning: 30 hours		Guided independent study: 20 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 50%, Coursework = 50%			
	As used by St Andrews: Presentations = 50%, Coursework = 50%			
Re-Assessment pattern:				
Module Co-ordinator:	Dr A Collinson			
Lecturer(s)/Tutor(s):	Dr A Collinson, Prof A Parkin			

