

School of ELT - 1000 & 2000 Level - 2020/1 - August - 2020

ET1008 ELT Study Skills (4 week) programme				
SCOTCAT Credits:	0	SCQF level 7	Semester	Summer before start of session
Academic year:	2020-2021			
Learning and teaching methods of delivery:	Scheduled learning: 0 hours		Guided independent study: 0 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: TBC			
Module coordinator:	Ms K L McCall			

IE1101 Foundations for Medicine 1				
SCOTCAT Credits:	20	SCQF level 7	Semester	1
Academic year:	2020-2021			
Planned timetable:	To be arranged			
<p>Foundations for Medicine 1 covers a variety of strands that equip students with the necessary knowledge and skills to prepare for entry on a degree in Medicine at a UK institution. This module develops the academic reading and writing skills necessary to succeed in scientific and medical studies. The module develops oral communication skills required to gain entry to study medicine. The module also introduces students to the structure and challenges of the NHS and different medical systems around the world and to medical ethics and the role it plays in current medical practice. Assessment for this module is coursework based and assesses students written and oral communication skills.</p>				
Learning and teaching methods of delivery:	Weekly contact: 2 seminars x 10 weeks; 3 directed study hours x 10 weeks; 1 office hour x 10 weeks			
	Scheduled learning: 50 hours		Guided independent study: 150 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Re-assessment pattern:	Coursework = 100%			
Module coordinator:	Mrs K Duff			
Module teaching staff:	Mrs Kirsty Duff			

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IE1102 Research & Writing Skills for Science A			
SCOTCAT Credits:	10	SCQF level 7	Semester 1
Academic year:	2020-2021		
Availability restrictions:	This module will only be available to students who have been accepted onto the International Year One for Science programme and Pathway to Medicine (September) programme.		
Planned timetable:	To be arranged		
<p>Being able to write well in university is one of the key methods of assessment. This may take many forms depending on the academic field that students are in. Writers are expressing facts and opinions and so students have to learn how to use the vocabulary and style that is appropriate for their subjects. They also need to demonstrate their ability to research using written and spoken text. Students will learn the general principles of structuring texts, the key features of general academic style, and learning how to express themselves clearly and accurately in writing using elements of good academic practice. There will be lots of opportunities to practise, get feedback and to learn from that feedback.</p>			
Learning and teaching methods of delivery:	Weekly contact: 1 seminars x 10 weeks; 2 directed study hours x 10 weeks; 1 office hour x 10 weeks		
	Scheduled learning: 60 hours	Guided independent study: 40 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 pattern:	2-hour Written Examination = 100%		
Module coordinator:	Ms A M Malcolm-Smith		
Module teaching staff:	Ms Alison Malcolm-Smith		

IE1103 Academic English and Study Skills 1			
SCOTCAT Credits:	20	SCQF level 7	Semester 1
Academic year:	2020-2021		
Availability restrictions:	Students may take this module off campus.		
Planned timetable:	To be arranged		
<p>This is an optional module in the dual delivery International Year One programme for international students but is also open to visiting international students and home students. This module aims to develop students' awareness of spoken and written academic discourse typical of delivery in the Faculties of Arts and Science. Students will analyse written and spoken texts for purpose, style, organisation, use of language, and use them as sources of ideas and models for their essays and presentations. The module provides opportunities for students to practise communicating in these genres, to get feedback on their performance, and to reflect on their progress. It is hoped that this module will support students on the other modules they take in the Faculties of Science and/ or Arts as part of a degree.</p>			
Learning and teaching methods of delivery:	Weekly contact: 3 lectures (x 10 weeks); 1 tutorial (x 10 weeks)		
	Scheduled learning: 40 hours	Guided independent study: 165 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%		
	As used by St Andrews: 3-hour Written Examination = 40%, Coursework = 60%		
Re-assessment pattern:	3-hour Written Examination = 100%		
Module coordinator:	Ms A M Malcolm-Smith		
Module teaching staff:	Ms Alison Malcolm-Smith		

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IE1150 Mathematics A				
SCOTCAT Credits:	10	SCQF level 7	Semester	1
Academic year:	2020-2021			
Availability restrictions:	This module will only be available to students who have been accepted onto the IE International Year One Science and intend to take degrees in Physics or Computer Science			
Planned timetable:	To be arranged			
<p>This module is designed to introduce students to key concepts and methods which will be required for further study in Mathematics and other Sciences. It will reinforce students' skills in common techniques and will explore a range of fundamental topics. Students will be introduced to complex numbers, hyperbolic functions and differential equations and should become competent at evaluating common integrals, plotting various functions and solving a range of complex equations. Students will also be introduced to the symbolic computational package, Maple and will use the program to solve simple mathematical problems.</p>				
Learning and teaching methods of delivery:	Weekly contact: 2 lectures (x 10 weeks) , 1 tutorial (x 10 weeks)			
	Scheduled learning: 50 hours		Guided independent study: 70 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 70%, Practical Examinations = 0%, Coursework = 30%			
	As used by St Andrews: 2-hour Written Examination = 70%, Coursework = 30%			
Re-assessment pattern:	2-hour Written Examination = 100%			
Module coordinator:	Ms A M Malcolm-Smith			
Module teaching staff:	Ms Alison Malcolm-Smith			

IE1151 Psychology A				
SCOTCAT Credits:	10	SCQF level 7	Semester	1
Academic year:	2020-2021			
Availability restrictions:	This module will only be available to students who have been accepted onto the IE International Year One Science (Psychology track)			
Planned timetable:	To be arranged			
<p>It is necessary to understand how the ordinary person and the ordinary mind work, and the discoveries made by a scientific approach to these issues over the last few decades constitute a major part of the study of Psychology. Thus the module includes answers from scientific methods to questions such as: "what are the roles of inheritance and experience in determining mental abilities?"; "are there universals in children development across cultural?"; "Is there animal intelligence?"; "why does conflict occur between social groups?". By the end of the module, students should be able to demonstrate familiarity with a wide range of the theoretical and empirical underpinnings of modern psychology, through the detailed study of classic and contemporary literature; A solid grounding in the empirical approach to provide the necessary basis for conducting research in psychology; An appreciation of the diversity of psychology and its practical applications in modern society.</p>				
Learning and teaching methods of delivery:	Weekly contact: 2 lectures (x 10 weeks) 1 tutorial (x 10 weeks)			
	Scheduled learning: 50 hours		Guided independent study: 70 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 95%, Practical Examinations = 0%, Coursework = 5%			
	As used by St Andrews: 2-hour Written Examination = 95%, Coursework = 5%			
Re-assessment pattern:	2-hour Written Examination = 100%			
Module coordinator:	Ms A M Malcolm-Smith			
Module teaching staff:	Ms Alison Malcolm-Smith			

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IE1152 Statistics for Mathematicians				
SCOTCAT Credits:	10	SCQF level 7	Semester	1
Academic year:	2020-2021			
Availability restrictions:	This will be compulsory for students on the International Year One for Science (Maths track) programme.			
Planned timetable:	To be arranged			
This module is an introduction to the function of statistics and is specifically designed for mathematicians and so assumes knowledge of numbers, mathematical equations and central tendency. It is an essentially practical module which demonstrates statistical theory and tools through using SPSS for solving statistical problems.				
Learning and teaching methods of delivery:	Weekly contact: 2 lectures (x 10 weeks) , 1 tutorial (x 10 weeks)			
	Scheduled learning: 50 hours		Guided independent study: 70 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 70%, Practical Examinations = 0%, Coursework = 30%			
	As used by St Andrews: 1.5-hour Written Examination = 70%, Coursework = 30%			
Re-assessment pattern:	1.5-hour Written Examination = 100%			
Module coordinator:	Ms A M Malcolm-Smith			
Module teaching staff:	Dr Jason Frowley			

IE1201 Foundations for Medicine 2				
SCOTCAT Credits:	20	SCQF level 7	Semester	2
Academic year:	2020-2021			
Planned timetable:	To be arranged			
Foundations for Medicine 2 builds upon and develops the skills and knowledge gained in Foundations for Medicine 1. This module will further develop the oral communication and reasoning skills required to gain entry to study medicine. Students will develop reflective skills and be introduced to key topics and themes in Medicine. The module will focus on academic reading and writing skills required in scientific subjects dealing with a variety of relevant genres. Assessment methods for this module include coursework, practicals and written examination.				
Learning and teaching methods of delivery:	Weekly contact: 2 seminars x 12 weeks; 3 directed study hours x 12 weeks; 1 office hour x 12 weeks			
	Scheduled learning: 60 hours		Guided independent study: 140 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%			
	As used by St Andrews: 2-hour Written Examination = 40%, Coursework = 60%			
Re-assessment pattern:	Coursework = 100%			
Module coordinator:	Mrs K Duff			
Module teaching staff:	Mrs Kirsty Duff			

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IE1202 Research and Writing for Science B				
SCOTCAT Credits:	10	SCQF level 7	Semester	2
Academic year:	2020-2021			
Availability restrictions:	Only available for students enrolled on the International Year One Science programme and Pathway to Medicine programme.			
Planned timetable:	To be arranged			
This module further develops the skills introduced in Research and Writing Skills for Science A in Semester 1. Students will be working more specifically on more extended research skills using references, and using them to support argument in science. This will require students to synthesise direct and indirect quotations to their written work using good academic practice, and considering the methods and purpose of research.				
Learning and teaching methods of delivery:	Weekly contact: 1 seminars x 12 weeks; 2 directed study hours x 12 weeks; 1 office hour x 12 weeks			
	Scheduled learning: 52 hours		Guided independent study: 52 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: 2-hour Written Examination = 60%, Coursework = 40%			
Re-assessment pattern:	2-hour Written Examination = 100%			
Module coordinator:	Ms A M Malcolm-Smith			
Module teaching staff:	Ms Alison Malcolm-Smith			

IE1203 Academic English and Study Skills 2				
SCOTCAT Credits:	20	SCQF level 7	Semester	2
Academic year:	2020-2021			
Availability restrictions:	Students may take this module off campus.			
Planned timetable:	To be arranged			
This is an optional module in the dual delivery International Year One programme for international students but is also open to visiting international students and home students. This module follows on from IE1001 and aims to deepen students' awareness of more sophisticated aspects of spoken and written academic discourse typical of disciplines in the Faculties of Arts and Science and help them to understand how these are based on underlying principles of developing knowledge and higher order thinking skills. The module provides opportunities for students to engage with texts and peers to develop these skills, to write analytical and evaluative texts, to receive comment and feedback on their performance, and to show development in language, knowledge and thinking skills. This module will support students on the other modules they take in the Faculties of Science and/ or Arts as part of a degree.				
Learning and teaching methods of delivery:	Weekly contact: 3 lectures (x 11 weeks); 1 tutorial (x 11 weeks)			
	Scheduled learning: 44 hours		Guided independent study: 154 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%			
	As used by St Andrews: 3-hour Written Examinations = 40%, Coursework = 60%			
Re-assessment pattern:	3-hour Written Examinations = 100%			
Module coordinator:	Ms A M Malcolm-Smith			
Module teaching staff:	Ms Alison Malcolm-Smith			

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IE1250 Mathematics B				
SCOTCAT Credits:	10	SCQF level 7	Semester	2
Academic year:	2020-2021			
Availability restrictions:	This module will only be available to students who have been accepted onto the IE International Year One Science and intend to take degrees in Physics or Computer Science			
Planned timetable:	To be arranged			
This module is designed to follow on from MT1002A which is taught in the first semester. It will continue to introduce students to key concepts and methods which will be required for further study in Mathematics and other Sciences. It will reinforce students' skills in common techniques and will explore a range of fundamental topics. Students will learn about matrices, limits, vectors, and sequences and series. The module will also introduce the important concept of mathematical proof. Additionally, students will advance their understanding of the symbolic computational package, Maple and will use the program to help solve mathematical problems.				
Learning and teaching methods of delivery:	Weekly contact: 2 lectures (x 10 weeks), 1 tutorial (x 10 weeks)			
	Scheduled learning: 50 hours		Guided independent study: 70 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 70%, Practical Examinations = 0%, Coursework = 30%			
	As used by St Andrews: 2-hour Written Examination = 70%, Coursework = 30%			
Re-assessment pattern:	2-hour Written Examination = 100%			
Module coordinator:	Ms A M Malcolm-Smith			
Module teaching staff:	Ms Alison Malcolm-Smith			

IE1251 Psychology B				
SCOTCAT Credits:	10	SCQF level 7	Semester	2
Academic year:	2020-2021			
Availability restrictions:	This module will only be available to students who have been accepted onto the IE International Year One Science (Psychology track)			
Planned timetable:	To be arranged			
This module is a continuation of the work started in PS1001A Foundations of Psychology 1A. It aims to show students how research methods have helped to develop understanding in three areas of psychology: Developmental, Evolutionary and Social Psychology. It also aims to develop their own research methods and analytical skills.				
Learning and teaching methods of delivery:	Weekly contact: 2 lectures (x 13 weeks) , 1 tutorial (x 13 weeks)			
	Scheduled learning: 65 hours		Guided independent study: 65 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%			
	As used by St Andrews: 2-hour Written Examination = 75%, Coursework = 25%			
Re-assessment pattern:	2-hour Written Examination = 100%			
Module coordinator:	Ms A M Malcolm-Smith			
Module teaching staff:	Ms Alison Malcolm-Smith			

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IE1252 Human Biology			
SCOTCAT Credits:	20	SCQF level 7	Semester
Academic year:	2020-2021		
Planned timetable:	To be arranged		
<p>The Human Biology module is taught across four weekly lectures and will follow three key topics: (i) communication, (ii) protection and survival and (iii) intake and excretion. The module takes a systems approach, similar to the School of Medicine. Students will study all the key physiological systems within the topic areas, with an overarching focus on how disease affects these systems. The course aims to build upon existing knowledge of human physiology and link this to the causes and consequences of the major diseases affecting the body. This includes introducing new anatomical language and exploring the interdependence between different organ systems. This module is designed to prepare students with the knowledge and skills base to succeed in the School of Medicine.</p>			
Learning and teaching methods of delivery:	Weekly contact: 4 lectures (X12 weeks), 1 tutorial (X12), 3 labs (X3 weeks)		
	Scheduled learning: 117 hours	Guided independent study: 132 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 20%, Coursework = 20%		
	As used by St Andrews: 2-hour Written Examination = 60%, Coursework = 20%, Practical Examination = 20%		
Re-assessment pattern:	2-hour Written Examination = 100%		
Module coordinator:	Mrs K Duff		
Module teaching staff:	Antony Brown		