Management and Information Technology with English Language

Programme Requirements:

Management and Information Technology (with English Language) - MSc
40 credits from Module List: ET5400 - ET5401 **and**   15 credits from Module List: CS5001 - CS5002   **And**   (IS5188 (60 credits) **or** IS5189 (60 credits)) **and** ET5402 (20 credits) **and**   40 credits from Module List: MN5424, MN5461, MN5470 - MN5471 **and**   Between 0 and 20 credits from Module List: MN5000 - MN5999 **and**   Between 60 and 90 credits from Module List: IS5102 - IS5150, CS5001 - CS5089, ID5059

Compulsory modules:

ET5400 English for Academic Purposes (Combined Masters)				
SCOTCAT Credits:	20	SCQF Level 11	**Semester**	2
Academic year:	2018/9			
Availability restrictions:	Available only to students on 'with English Language' MSc programmes in the School of Computer Science.			
Planned timetable:	To be arranged.			
This module is designed to develop the academic literacy of students entering onto a taught masters programme at the University of St Andrews. Students develop the academic competence required for writing, delivering presentations, participating in seminars, researching for and evaluating source material, and developing criticality in respect of all aspects of their studies.				
Learning and teaching methods of delivery:	**Weekly contact**: 6 class tutorials (x 11 weeks) , 0.5 individual supervision meeting (x 5 weeks)			
	Scheduled learning: 69 hours		**Guided independent study:** 132 hours	
Assessment pattern:	**As used by St Andrews:** 2-hour Written Examination = 25%, Coursework = 75% Coursework contains 2 elements: a extended essay ((50% of grade) and a presentation (25% of grade).			
Re-assessment pattern:	2-hour Written Examination = 50%, Coursework = 50%			
Module coordinator:	Mr J W Harvey			
Module teaching staff:	Mr J Harvey, Mrs K Tavakoli, Ms L Thirkell			

ET5401 English for Computer Science 1

SCOTCAT Credits:	20	SCQF Level 11	**Semester**	2
Academic year:	2018/9			
Availability restrictions:	Available only to students on 'with English Language' MSc programmes in the School of Computer Science.			
Planned timetable:	To be arranged.			

This module is designed to develop the academic literacy of students entering onto MSc programmes in the School of Computer Science, and this module runs in parallel with English for Academic Purposes (ET5400). Strategies learnt in ET5400 will be applied to specific Computer Science-based texts, and written and spoken tasks. Students will also participate in assessed group projects modelled on similar assessments in 5000-level Computer Science (CS) modules.

Learning and teaching methods of delivery:	**Weekly contact**: 6 class tutorials (x 11 weeks), one individual supervision meeting (.05 hours, x 5 weeks)	
	Scheduled learning: 69 hours	**Guided independent study:** 132 hours
Assessment pattern:	**As used by St Andrews:** Coursework = 100%	
Re-assessment pattern:	Coursework = 100%	
Module coordinator:	Ms A J Brooks	
Module teaching staff:	Ms J Brooks, Ms M Carr	

ET5402 English for Computer Science 2

SCOTCAT Credits:	20	SCQF Level 11	**Semester**	2
Academic year:	2018/9			
Availability restrictions:	Available only to students on 'with English Language' MSc programmes in the School of Computer Science.			
Planned timetable:	To be arranged.			

This module is designed to follow on from ET5401 and ET5400 to further enhance the academic literacy of students on MSc Programmes in the School of Computer Science. Strategies learnt on the two modules mentioned above will be applied to specific Computer Science-based texts, and written and spoken tasks. Students will also participate in assessed group projects modelled on similar assessments in 5000-level CS modules.

Learning and teaching methods of delivery:	**Weekly contact**: 6 class tutorials (x 11 weeks), one individual supervision meeting (0.5 hours, 5 weeks)	
	Scheduled learning: 72 hours	**Guided independent study:** 132 hours
Assessment pattern:	**As used by St Andrews:** Coursework = 100%	
Re-assessment pattern:	Coursework = 100%	
Module coordinator:	Ms A J Brooks	
Module teaching staff:	Ms J Brooks, Ms M Carr	

Either:

CS5001 Object-Oriented Modelling, Design Programming

SCOTCAT Credits:	15	SCQF Level 11	**Semester**	1
Academic year:	2018/9			
Planned timetable:	Variable			
This module introduces and revises object-oriented modelling, design and implementation up to the level required to complete programming assignments within other MSc modules. Students complete a number of practical exercises in laboratory sessions.				
Anti-requisite(s)	You cannot take this module if you take CS5002			
Learning and teaching methods of delivery:	**Weekly contact:** Lectures, tutorials and practical classes.			
	Scheduled learning: 77 hours		**Guided independent study:** 73 hours	
Assessment pattern:	**As used by St Andrews:** Coursework = 100%			
Module teaching staff:	TBC Module coordinator(s): Director of Postgraduate Teaching - Computer Science (dopgt-cs@st-andrews.ac.uk)			

Or:

CS5002 Programming Principles and Practice

SCOTCAT Credits:	15	SCQF Level 11	**Semester**	1
Academic year:	2018/9			
Planned timetable:	Variable			
This module introduces computational thinking and problem solving skills to students who have no or little previous programming experience. It covers general programming concepts used in the development of software applications, such as data structures, functions, choice, iteration, recursion and input/output. An easy-to-learn programming language is used to illustrate these concepts, and programming skills are reinforced through practical assignments.				
Anti-requisite(s)	You cannot take this module if you take CS5001			
Learning and teaching methods of delivery:	**Weekly contact**: Lectures, tutorials and practical classes.			
	Scheduled learning: 35 hours		**Guided independent study:** 115 hours	
Assessment pattern:	**As used by St Andrews:** Coursework = 100%			
Module teaching staff:	TBC Module coordinator(s): Director of Postgraduate Teaching - Computer Science (dopgt-cs@st-andrews.ac.uk)			

Two of:

MN5424 Corporate Finance and Accounting

SCOTCAT Credits:	20	SCQF Level 11	**Semester**	2
Academic year:	2018/9			
Availability restrictions:	Not available as an optional module for any programme.			
Planned timetable:	To be arranged.			

The module will introduce students to the basic principles and practices of accounting and corporate finance. The first half of the module will concentrate on teaching students financial accounting and reporting via the accounting equation method; this will enable students to become familiar with accounting techniques and develop an understanding of financial statements and methods employed in their creation. The second half of the module will introduce corporate finance concepts such as capital structure, the CAPM, and investment approaisal techniques. The module will employ case studies to highlight to students how these principles are employed within industry; the case studies will be based in an international setting.

Anti-requisite(s)	You cannot take this module if you take MN5422	
Learning and teaching methods of delivery:	**Weekly contact**: Lectures and seminars.	
	Scheduled learning: 0 hours	**Guided independent study:** 0 hours
Assessment pattern:	**As used by St Andrews:** 2-hour Written Examination = 50%, Coursework = 50%	
Re-assessment pattern:	3-hour Written Examination = 100%	
Module teaching staff:	Dr L Nguyen and Ms L Stevenson	

MN5461 Strategic Management

SCOTCAT Credits:	20	SCQF Level 11	**Semester**	1
Academic year:	2018/9			
Planned timetable:	To be arranged.			

Over the last three decades one of the most significant global trends has been the rapid technical development of information technology and the parallel intensification in the commercial and administrative use of this technology by organisations. In this context this module will develop students' knowledge and understanding of the strategy process and develop an appreciation of organisational responses to the rapidly changing global economy. In addition to this, the module will develop a critical understanding of the challenges of operating in the information age and will also develop awareness of the range of approaches to organisational strategy; its purpose and the process of aligning corporate strategy with operational strategies in the knowledge economy. The module will challenge students to evaluate organisational processes, including marketing and promotion, logistics and supply chain management, in a rigorous manner and develop an understanding as to how organisational resources can be harnessed to respond to the organisational challenges of operating in an age of rapidly and easily accessible information.

Learning and teaching methods of delivery:	**Weekly contact**: 1 x 2-hour lecture and a 1-hour seminar.	
	Scheduled learning: 0 hours	**Guided independent study:** 0 hours
Assessment pattern:	**As used by St Andrews:** 2-hour Written Examination = 50%, Coursework = 50%	
Re-assessment pattern:	3-hour Written Examination = 100%	
Module teaching staff:	Mr S Wilson	

MN5470 Managing Human Resources

SCOTCAT Credits:	20	SCQF Level 11	**Semester**	2
Academic year:	2018/9			
Availability restrictions:	Not available as an optional module for any programme.			
Planned timetable:	To be arranged.			

This module reviews the key theoretical and practical aspects involved in managing human resources. The module content covers both the strategic and operational requirements necessary to secure, develop, reward and retain employees and to ensure their maximum contribution to organisational performance requirements. Individual, organisational and contextual factors that influence the management of people are also considered and throughout there is an emphasis on the critical, analytical and evaluative study of the subject.

Learning and teaching methods of delivery:	**Weekly contact**: Lectures and seminars.	
	Scheduled learning: 0 hours	**Guided independent study:** 0 hours
Assessment pattern:	**As used by St Andrews:** 2-hour Written Examination = 50%, Coursework = 50%	
Re-assessment pattern:	3-hour Written Examination = 100%	
Module coordinator:	Dr A M Baluch	
Module teaching staff:	Dr A Baluch, Mr M J Dowling	

MN5471 Marketing: Principles and Practice

SCOTCAT Credits:	20	SCQF Level 11	**Semester**	1
Academic year:	2018/9			
Availability restrictions:	Not available as an optional module for any programme.			
Planned timetable:	To be arranged.			

Marketing is a pervasive social phenomenon, influencing our perceptions and behaviours. We are all in daily contact with the marketing activities of firms, governments and a range of other organisation sand we have all observed and experienced aspects of marketing practice throughout our daily lives. Adopting primarily a managerial perspective, this module will offer a critical review of current theory and practice and look at how marketing is evolving in light of changes to the business context. This module will introduce students to the nature and scope of marketing and its role in society. The importance of identifying, understanding and satisfying customers will be highlighted and approaches to segmenting markets and identifying target market swill be reviewed. Marketing activities will be considered within the context of the marketing mix and other managerially-determined variables. The importance of marketing research and the associated processes will be discussed.

Learning and teaching methods of delivery:	**Weekly contact**: Lectures and tutorials.	
	Scheduled learning: 0 hours	**Guided independent study:** 0 hours
Assessment pattern:	**As used by St Andrews:** 2-hour Written Examination = 50%, Coursework = 50%	
Re-assessment pattern:	3-hour Written Examination = 100%	
Module coordinator:	Mr W Barlow	

Management and Information Technology with English - 2018/9 - June 2018

One of:

IS5188 Group Project and Dissertation in Management and Information Technology

SCOTCAT Credits:	60	SCQF Level 11	**Semester**	Full Year
Academic year:	2018/9			
Availability restrictions:	Available only to students on the Management and Informatin Technology Postgraduate Programme.			
Planned timetable:	To be arranged.			
This module is a group-based MSc project on an approved topic in Management and Information Technology which shows appropriate competences in both fields. It results in a dissertation of no more than 15,000 words. Typically the dissertation comprises a review of related work, the extension of old or development of new ideas, an account of how Information Technology was used in the project, critical analyses and evaluation of the findings. The dissertation may also include an agreed collaboratively-written group report. Each student is individually assessed, taking into account both individual and group submissions. Students are required to give a presentation of their work.				
Anti-requisite(s)	You cannot take this module if you take IS5189			
Learning and teaching methods of delivery:	**Weekly contact**: Meetings with supervisor.			
	Scheduled learning: 0 hours		**Guided independent study:** 0 hours	
Assessment pattern:	**As used by St Andrews:** Coursework = 100%			
Module teaching staff:	TBC Module coordinator(s): Director of Postgraduate Teaching - Computer Science (dopgt-cs@st-andrews.ac.uk)			

IS5189 Dissertation in Management and Information Technology

SCOTCAT Credits:	60	SCQF Level 11	**Semester**	Full Year
Academic year:	2018/9			
Availability restrictions:	Available only to students on the Management and Informatin Technology Postgraduate Programme.			
Planned timetable:	To be arranged.			
This module is an individually supervised MSc project on an approved topic in Management and Information Technology which shows appropriate competences in both fields. The project results in a dissertation of no more than 15,000 words. Typically the dissertation comprises a review of related work, the extension of old or development of new ideas, an account of how Information Technology was used in the project, critical analyses and evaluation of the findings. Students are required to give a presentation of their work.				
Anti-requisite(s)	You cannot take this module if you take IS5188			
Learning and teaching methods of delivery:	**Weekly contact**: Meeting with supervisor.			
	Scheduled learning: 0 hours		**Guided independent study:** 0 hours	
Assessment pattern:	**As used by St Andrews:** Coursework (Dissertation) = 100%			
Module teaching staff:	TBC Module coordinator(s): Director of Postgraduate Teaching - Computer Science (dopgt-cs@st-andrews.ac.uk)			

Information Technology optional modules are available - see the pdf online called Computer Science optional modules 2018-2019

Management optional modules are available - see the pdf online called Management optional modules 2018-2019