Management and Information Technology

Programme Requirements:

Management and Information Technology - MSc
(IS5188 (60 credits) **or** IS5189 (60 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 MPhil: 120 credits from taught element of programme requirements (not including prjoect/dissertation) plus a thesis of up to 40, 000 words

Compulsory modules:

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	

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