

Title	BMAN61102 Decision Behaviour, Analysis and Support
Credit Rating	15
Level	MSc
Semester	2
Course Coordinator(s)	Dr Nadia Papamichail
Methods of Delivery	Lectures, case studies, and individual/group exercises
Lecture Hours	20
Seminar Hours	
Private Study Hours	130
Total Study Hours	150
Pre-requisites	
Co-requisites	
Dependant Courses	
Assessment Methods and Relative Weightings	Project (may involve group activities): 40% Examination: 60%
Aims	
<p>The aim of this module is to provide a state-of-the-art overview on decision making. It will explore how decision analysis and decision aiding technologies can help individuals, groups and organisations make effective decisions. Participants will be provided with an understanding of the capabilities and types of decision frameworks and decision support system technologies used in businesses and their impact on business performance and competitiveness.</p>	
Learning Outcomes	
<p>By the end of the course participants will:</p> <ul style="list-style-type: none"> • Understand cognitive limitations in decision making • Explore behavioural models and normative theories of decision making • Become aware of emerging trends in decision support technology • Appreciate the benefits and limitations of using decision support systems • Be able to design decision support systems and processes • Evaluate the appropriateness of different types of decision support systems 	
Syllabus	
<p>The following topics will be covered in at various levels of detail</p> <ul style="list-style-type: none"> • Decisions: context, models and behaviour • DSS: levels and domains • Knowledge-based systems • Advanced Intelligent Systems • Soft modelling and problem formulation • Strategic decision making • Organisational decision making • Good practice in decision making • Designing and evaluating DSS • Group decision support • The future of DSS 	

Reading List

The main course text is:

Simon French, Nadia Papamichail, John Maule. 'Decision Making: Behaviour, Analysis and Support' Cambridge University Press 2009

Another suitable text is:

E. Turban, J. R. Sharda and D. Delen. 'Decision Support and Business Intelligence Systems'. Upper Saddle River, New Jersey, Prentice Hall. 2011.