Alliance MBS modules

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Alliance MBS

• 15 MSc programs

• Management Sciences Group:
  – MSc Business Analytics: Operations Research and Risk Analysis
  – MSc Operations, Project and Supply Chain Management
Modules of interest

• Mathematical Programming and Optimisation BMAN60101
• Simulation & Risk Analysis BMAN73941
• Data Analytics for Business Decision Making BMAN60422
• Risk, Performance and Decision Analysis BMAN60092

• Information and Knowledge Management BMAN71652
• Decision Behaviour, Analysis and Support BMAN73272

• Strategic Project Organising BMAN70391(A)
Aspects to Consider

Formal:
• Maths pre-requisites for MSc BA core modules (BMAN60101, BMAN73941, BMAN60422, BMAN60092)
• Dependencies between modules (BMAN60092 requires BMAN60101)
• Differences in the format of the assessment (group vs individual work, presentation versus report, exam vs coursework)

Informal:
• Coursework usually framed in the context of a case study
• Expectation to commit to groupwork / participate in an interdisciplinary group
Important contact info

• Program administrator:
  – Charlotte <charlotte.bolwell@manchester.ac.uk>

• Program directors:
  – Manuel (MSc Business Analytics):
    <manuel.lopez-ibanez@manchester.ac.uk>
  – Fahian (MSc Ops):
    <fahian.huq@manchester.ac.uk>
Specific modules
Strategic Project Organizing
(Ayham)

• Strategic projects produce assets and help organisations grow.
• Strategic projects are proactive, innovative and involve strategic change.

• In this module you will:
  – Be able to think of project management holistically and appreciate the role of key stakeholders when managing projects.
  – Learn the domains and the organisations that are involved in planning, executing, and operating strategic projects.
  – Understand how risk and uncertainty play a key role in planning and organising projects.
  – Value the inter-organisational interfaces that influence projects organisation and management.
  – Learn the key role of leadership and innovation in organising projects.

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Decision Behaviour, Analysis and Support (Nadia)

The aim of this module is to provide a state-of-the-art overview on decision making in a variety of organisational settings (e.g. private, public and not-for-profit sectors).

It will explore how decision analysis and decision aiding technologies can help individuals, groups and organisations make better decisions.

Participants will gain an understanding of the capabilities and types of decision frameworks and decision aiding technologies used in businesses and their impact on business performance and competitiveness.

<nadia.papamichail@manchester.ac.uk>
Information and Knowledge Management (Tahir)

Information and Knowledge are major and exponentially growing resources within the modern organisation. The effective management of both information and knowledge is of strategic importance to all successful business or public sector organisations.

Aims of this:
• To explore these growing organisational information and knowledge resources.
• To identify how they are strategically and operationally managed and exploited effectively within and between organisations.
• To develop skills in the techniques of information and knowledge management.

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We look forwarding to welcoming you to Alliance MBS!