

Management of Finance

Module Descriptor

Module Code: MAN7MFI

Version: 7.00

Status: Final

Date: 26/03/2025

Summary Module Details

Module details

Module Title: Management of Finance

Module Leader: Dr Rubina Islam

Module Mode: Supported online learning

Semester: Autumn (UK)

Level: 7

Credits: 20

Learning Hours: 200

Contact & Study Hours

Directed Study Time: 60hrs (30%)

Self-directed Study Time: 70hrs (35%)

Assessment Study Time: 70hrs (35%)

Assessment Type

Coursework: 70%

Computer Marked Assessment: 30%

Self-directed Research Project: 0%

Portfolio: 0%

Module summary

This module explores how quantitative concepts, methods, and skills can aid managers in the built environment sector in their planning and decision-making process. It assists students in modelling solutions to financial and business planning problems, thereby enhancing their ability to make more effective decisions that align with corporate objectives.

The first part of the module introduces the role and content of financial processes, both internal and external, to enhance understanding of this crucial aspect in decision-making. The second part focuses on how analytical concepts and risk analysis techniques can assist decision-makers and stakeholders in the construction and real estate industry. This section also emphasises the importance of complying with legal and ethical standards such as generally accepted accounting principles (GAAP) and international financial reporting standards (IFRS). This section also aims to address sustainable finance to fund projects with global impact. Sustainable finance for the built environment includes various sources that support green and energy-efficient projects.

Taken on which programmes

Master of Business Administration (C)

Core (C) or Elective (E)

Module Aims

This module aims to examine:

- The basic concepts of financial management and how they add value for managers in the sustainable built environment sector.
- The significance of modern financial and management accounting in the broader context of sustainable finance for effective organisational management.
- How can organisations in the built environment use financial data analysis to help enhance decision-making processes.
- The risks associated with the business and project decision-making process, and to allow questioning of the contemporary decision-making method.

Module Learning Outcomes

- LO1. Explore, understand and apply knowledge of accounting systems used in decision-making process.
- LO2. Analyse the financial stability of a business using recognised, innovative and sustainable accounting approaches.
- LO3. Critically assess how financial data analysis and cost evaluation guide strategic decision-making.
- LO4. Critically evaluate methods utilised for legal and financial disclosures through data analysis.

Indicative Module Content

Module topics

- **Introduction**
The role and function of financial systems in an organisation, including the role of management and financial accounting, main documents, and typical accounting systems.
- **Financial Accounting Principles**
Financial accounting, history, development, international comparisons, different accounting systems worldwide, generally accepted accounting principles (GAAP), statements of standard account practice (SSAP), international financial reporting standards (IFRS), and harmonisation of standards.
- **Financial Accounting Statements**
An in-depth analysis of the formal records presenting the financial performance and position of the business.
- **Budgeting and Cost Volume**
Profit and short-run tactical decision-making, cost-volume profit (CVP) analysis and use in SR decision-making, including the role of budgeting within organisations.

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- **Principles of Cost Accounting**

The role and scope of cost accounting, tangible and intangible products, comparison with financial accounting and future trends.

- **Industrial and Commercial Finance**

Equity and debt debate, financial ratios, sources now and likely future developments.

- **Decision-making using Management Science Tools & Risk Analysis**

Using simulation-capital investment appraisal techniques, net present value (NPV), internal rate of return (IRR) and accounting rate of return (ARR), Sensitivity analysis.

- **Sources of Sustainable Finance for the Built Environment sector**

Exploring finance sources such as green bonds, sustainability-linked loans, government grants and subsidies, bank loans with ESG criteria, REITs (Real Estate Investment Trusts), and public-private partnerships (PPPs).

- **Summarising Data**

The role of statistical analysis in decision-making and drawing inferences for decision-making

This content will be reviewed and updated regularly to reflect the legal, moral and financial changes in professional standards and practice.

Overview of Summative Assessment

Module learning outcomes	Assessment	Word count or equivalent	Weighting
LO1, LO2	Assessment 1 Computer Marked Assessment (CMA)	1,500	30%
LO1, LO2, LO3, LO4	Assessment 2 Coursework	3,500	70%

Module Pass Mark (as a weighted average of all assessments): 50%

Key Module Learning Resources

Core sources and texts

The core reading resources within each module will be provided via the specific Virtual Learning Environment (VLE) module pages and within the e-Library. Additional reference material and supplementary resources to support your studies are available through the UCEM e-Library.

Module tools

Students will have access to study materials, dedicated academic support, student forums, and learning activities via an online learning platform (VLE).

The module page on the VLE is broken down into structured study weeks to help students plan their time, with each week containing a mixture of reading, case studies,

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videos/recordings and interactive activities to go through. Online webinars/seminars led by the Module Leader can be attended in real time and provide opportunities to consolidate knowledge, ask questions, discuss topics and work through learning activities together. These sessions are recorded to support students who cannot attend and to enable students to recap the session and work through it at their own pace. Module forums on the VLE provide further opportunities to discuss topics with other students, complete collaborative work and get extra help from the module team.

Professional online resources

The e-Library provides access to trusted, quality online resources, selected by subject specialists, to support students' study. This includes journals, industry publications, magazines, academic books and a dissertation/work-based library. For a list of the key industry specific and education resources available please visit [the VLE e-Library](#).

Other relevant resources

Access is also provided to further information sources that include the British Library and Open University UK catalogues, as well as providing a monthly current awareness service entitled, **Knowledge Foundations** - a compendium of news, research and resources relating to the educational sector and the Built Environment.

The module resource list is available on the module website and is updated regularly to ensure materials are relevant and current.