Tárgy neve: Introduction to Finance

Tárgyfelelős neve: Molnár Bálint

Tárgyfelelős tudományos fokozata: PhD, egyetemi docens

Tárgyfelelős MAB szerinti akkreditációs státusza: AT

Az oktatás célja angolul:

a) knowledge

- They are familiar with the principles of business, organizational and corporate procedure, information, data, software and technical-technological architectures as well as with the methods of describing and designing these architectures.
- They are aware of the vital basics of organization and management, quality assurance and controlling, which enable them to carry out leadership and management duties related to their specialization.
- They have extensive knowledge on business, enabling them to perform business analysis, and to establish and run an IT enterprise.

b) skills and abilities

- They are able to formalize complex IT tasks, to identify and study their theoretical and practical background and then to solve them.
- They are able to perform design, development, operation, and management tasks when operating complex software systems, database management systems, corporate information systems, decision support systems, and expert systems.
- They are able to comprehensively understand, plan, organize, manage and control processes related to their IT specialization at management level.
- They are able to initiate collaboration and work in a team as well as on projects with IT or other professionals.
- They are able to analyze and apply new problem-solving methods and procedures related to their IT specialization.
- They are able to apply their IT skills in a diverse, multidisciplinary professional environment.
- They are familiar with IT professional vocabulary, which enables them to express themselves at a high level, both orally and in writing, in their mother tongue and (at least) in English; i.e. they are able to participate in discussions and debates, to write reports, to work with, understand and utilize scientific and technical literature (e.g. professional books, chapters, articles etc.).
- They are able to professionally use scientific and technical information sources to obtain knowledge necessary for solving a problem, and to critically interpret and evaluate it.
- Under professional guidance, they are able to carry out scientific research on their own, and to prepare for further studies at postgraduate level.

c) attitude

- They follow professional and technological developments in their IT field.
- They are committed to critical feedback and evaluation based on self-examination.
- They are committed to lifelong learning and they are open to acquiring new IT competencies.
- They accept and make their co-workers apply the ethical principles of work and organizational culture as well as those of IT scientific research.
- They share their knowledge and consider it important to disseminate professional IT results.
- They consider it important to propagate and realize environmentally conscious behavior and social responsibility, and they promote them with the help of information technology.
- They are committed to having quality requirements met and to analyzing them with IT tools.

- They are open to proactive collaboration with IT and other professionals.

d) autonomy and responsibility

- They take responsibility for their professional decisions made in their IT-related activities.
- They undertake to meet deadlines and to have deadlines met.
- They bear responsibility for their own work as well as for the work of their colleagues they work together with in a project.
- Regarding mission critical IT systems, they can be entrusted with developing and operational responsibilities that are in accordance with their professional competencies.

Az oktatás tartalma angolul:

The study of finance focuses on making decisions that enhance the value of the firm. This is done by providing customers with the best products and services in a cost-effective way. This course provides students with a conceptual understanding of the financial decision-making process, rather than just an introduction to the tools and techniques of finance.

Part 1 The Scope and Environment of Financial Management

1. An Introduction to the Foundations of Financial Management
2. The Financial Markets and Interest Rates
3. Understanding Financial Statements and Cash Flows
4. Evaluating a Firm's Financial Performance

Part 2 The Valuation of Financial Assets

5. The Time Value of Money
6. The Meaning and Measurement of Risk and Return
7. The Valuation and Characteristics of Bonds
8. The Valuation and Characteristics of Stock
9. The Cost of Capital

Part 3 Investment in Long-Term Assets

10. Capital-Budgeting Techniques and Practice
11. Cash Flows and Other Topics in Capital Budgeting

Part 4 Capital Structure and Dividend Policy

12. Determining the Financing Mix
13. Dividend Policy and Internal Financing

Part 5 Working-Capital Management and International Business Finance

14. Short-Term Financial Planning
15. Working-Capital Management
16. International Business Finance
17. Cash, Receivables, and Inventory Management

A számonkérés és értékelés rendszere angolul:

continuous assessment, practical course mark and examination;
assessment of the presentation and summary of the dedicated chapter, paper.

Idegen nyelven történő indítás esetén az adott idegen nyelvű irodalom:

Text book, compulsory:

- Arthur J. Keown, John D. Martin, J. William Petty, Foundations of finance: the logic and practice of financial management — 8th ed., The Pearson series in finance, 2014.

Proposed further reading:

- IvoWelch, Corporate finance: an introduction, Pearson Education, 2009.
- Tufféry, Stéphane. Data mining and statistics for decision making. John Wiley & Sons, 2011.