

## **Tárgyleírás**

**Tárgy neve: Introduction to Finance Pr.**

**Tárgyfelelős neve: Molnár Bálint, egyetemi docens, tudományos főmunkatárs**

**Tárgyfelelős tudományos fokozata: Ph.D., doctor habil.**

**Tárgyfelelős MAB szerinti akkreditációs státusza: AT**

**Az oktatás célja angolul / Aim of the subject:**

### **Knowledge**

- Knowledge of the principles of financial, business and enterprise processes within enterprises, and the relationships.
- Detailed and expert-level knowledge of the technical terms and expressions of computer science, and corporate finance in English.

### **Abilities (Competencies)**

- Ability to develop documentation that is in compliance with the requirements of enterprises.
- Ability to formalize complex problems to analyze the theoretical and practical background, and to provide adequate solutions.
- Expertise in the domain of Financial issues of Enterprises.
- Skills for cooperation and teamwork, and ability to take a leading role.
- Ability for written and oral communication in English, using the technical terms and expressions of computer science. Ability to argue, prepare reports, read, understand and exploit scientific and technical material (e.g. books and papers).
- Expertise in using sources of scientific, technical, and management information, their critical interpretation and evaluation, and the extraction of information relevant to the solution of a specific problem.
- Ability to perform supervised scientific research, and have skills required for post-graduate studies.

### **Attitude**

- Pays attention to professional, management, and technology development related to her/his qualification.
- Commitment to self-assessment and to critical feedback based on self-assessment.
- Commitment to lifelong learning and receptivity to new IT competencies.
- Adopts and complies with the ethical principles of work, organizational culture, and research, and gets his/her colleagues to comply with it.
- Shares and communicates her/his professional knowledge, and professional results.
- Demonstrates and implements eco-conscious behavior and social responsibility, helping them with IT tools.
- Commitment to quality standards and its IT tools.

- Open to initiating collaboration with IT and other specialists.

### **Autonomy and responsibility**

- Takes responsibility for his professional decisions made during his professional activities.
- Takes responsibility for observing and enforcing deadlines.
- Takes responsibility for own and fellow workers' work.
- In the case of mission-critical IT systems, he/she can be assigned responsibility for operation and management, according to his/her professional competencies.

### **Az oktatás tartalma angolul / Major topics:**

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 / Requirements and evaluation:**

**Type of examinations:** Practice grade

### **Specific assessment and examination solutions for testing the knowledge of students:**

Assessment of the presentation and summary of the dedicated chapter, paper

Written exam on the theory of development information systems for finance

Essay questions, multiple-choice, multiple answers.

Continuous progress checking during the semester through quizzes on the subject.

Assignments for problem-solving and development in the practice class.

## **Irodalom / Literature:**

### **Text book, mandatory:**

- 1) 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::**

- 1) Ivo Welch, Corporate finance : an introduction, Pearson Education, 2009.
  - 2) Tufféry, Stéphane. *Data mining and statistics for decision making*. John Wiley & Sons, 2011.
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