



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Financing of enterprise

### Course

Field of study

Engineering management

Area of study (specialization)

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

3/5

Profile of study

general academic

Course offered in

English

Requirements

compulsory

### Number of hours

Lecture

15

Tutorials

30

Laboratory classes

Projects/seminars

Other (e.g. online)

### Number of credit points

4

### Lecturers

Responsible for the course/lecturer:

Ph.D., D.Sc. Eng. Arkadiusz Borowiec, University Professor

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Responsible for the course/lecturer:

Ph.D., D.Sc., Marek Szczepański, University Professor

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### Prerequisites



The student has basic knowledge in the field of microeconomics and finance. Is able to obtain and interpret basic data on the economic situation affecting the financial management of an enterprise. Uses knowledge about the company and its team work skills to solve problems related to its functioning in financial terms.

### Course objective

The aim of the course is to familiarize students with the process of controlling the company's finances. Students will develop practical skills related to raising capital for the enterprise and its allocation in the company's assets in order to maximize benefits for owners. The aim of the course is also to develop skills in assessing the financial situation of an enterprise based on the analysis of financial statements and assessment of the effectiveness of material investments.

### Course-related learning outcomes

#### Knowledge

1. The student knows the rules of managing the company's finances [P65\_WG\_01]
2. Knows the sources of financing the company's activity (internal and external, own and foreign) [P65\_WK\_04]
3. Has knowledge of the relationship between the structure of capital and the cost of financing [P65\_WG\_03]
4. Knows different working capital management strategies [P65\_WK\_04]

#### Skills

1. Student is able to calculate the cost of raising capital by an enterprise from various sources [P65\_UW\_04]
2. Can calculate profitability for single- and multi-range production [P65\_UW\_04]
3. Can calculate the time value of money [P65\_UW\_04]
4. Is able to make effective decisions regarding financial liquidity management and investment decisions [P65\_UW\_04]

#### Social competences

1. The student cooperates and actively works in a group, assuming various roles in it [P6S\_KO\_03]
2. Participates in the preparation of economic projects taking into account economic and financial aspects [P6S\_KO\_03]
3. Thinks and acts in an entrepreneurial manner [P6S\_KO\_03]

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:



a) in the scope of exercises: two tests, project prepared in groups (assessment of investment effectiveness), activity during classes (tasks at the board)

b) in the scope of lectures: final test checking knowledge of the entire course program

### Programme content

1. The essence and goals of enterprise financial management
2. Economic and non-economic conditions of financial decisions.
3. Basic financial management tools and techniques (time value of money)
4. Analysis of financial statements (liquidity, profitability, efficiency ratios)
5. Valuation of shares and bonds
6. Enterprise working capital management
7. Cash flow statement
8. The cost of capital
9. Financial planning
10. Sources of financing business activity
11. Investigation of the threat of company bankruptcy
12. Company valuation
13. Investment profitability assessment

### Teaching methods

Lecture: multimedia presentation, talk, discussion

Exercises: brainstorming, talk, discussion, performance of tasks given by the teacher

### Bibliography

Basic

1. Szczepański M., Bartkiewicz P. (red.), Podstawy zarządzania finansami przedsiębiorstw, Wyd. Politechnika Poznańska, Poznań 2016
2. Rutkowski A., Zarządzanie finansami, PWE, Warszawa 2007
3. Bień W., Zarządzanie finansami przedsiębiorstw, Difin, Warszawa 2008



Additional

1. Ross S.A., Westerfield R.W., Jordan B.D., Finanse przedsiębiorstw, Dom Wydawniczy ABC, Warszawa 1999.
2. Ross S. A. Autor, Clacher I.. Autor, Westerfield R., Hillier D., Jordan, B. D., Fundamentals of corporate finance, McGraw-Hill Education, 2017.
3. Gabrusewicz W., Analiza finansowa przedsiębiorstwa, PWE, Warszawa 2014
4. Bojańczyk M., Finanse przedsiębiorstwa, Oficyna Wydawnicza SGH, Warszawa 2012
5. Jerzemowska M., Analiza ekonomiczna w przedsiębiorstwie, PWE, Warszawa 2013.

**Breakdown of average student's workload**

	Hours	ECTS
Total workload	100	4,0
Classes requiring direct contact with the teacher	50	2,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) <sup>1</sup>	50	2,0

<sup>1</sup> delete or add other activities as appropriate