



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Financial planning and capital investment

### Course

Field of study

Year/Semester

Engineering management

1-2

Area of study (specialization)

Profile of study

Level of study

Course offered in

Second-cycle studies

Polish

Form of study

Requirements

full-time

elective

### Number of hours

Lecture

Laboratory classes

Other (e.g. online)

15

Tutorials

Projects/seminars

### Number of credit points

1

### Lecturers

Responsible for the course/lecturer:

Responsible for the course/lecturer:

dr hab. Marek Szczepański, prof. PP

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### Prerequisites

Basic knowledge about financial markets.

### Course objective

The aim of the course is to provide specific knowledge about financial plans (strategic and operational) and investing the company's financial capital.

### Course-related learning outcomes

Knowledge

1. Student has extended knowledge about planning and investing financial resources of the enterprise (P7S\_WG\_04).



2. The student knows the general principles of creating and developing forms of individual entrepreneurship using knowledge of economics and financial management (P7S\_WK\_03).
3. The student knows in-depth methods of obtaining data on the behavior of financial market participants (P7S\_WG\_07).

#### Skills

1. Student is able to use theoretical knowledge to describe and analyze the causes and course of economic processes and phenomena, and is able to formulate their own opinions and select critically the data and methods of analysis (P7S\_UW\_01).
2. Student has the ability to use the acquired knowledge in various areas and forms, extended by a critical analysis of the effectiveness and usefulness of applied knowledge (P7S\_UW\_03).
3. Student is able to correctly interpret and explain economic phenomena) and mutual relations between social phenomena (P7S\_UW\_06)

#### Social competences

1. The student is aware of the interdisciplinary knowledge and skills needed to solve complex organization problems and the need to create interdisciplinary teams in the financial planning process (P7S\_KK\_012).
2. The student is able to make substantive contribution to the preparation of financial projects and manage projects resulting from these projects (P7S\_KO\_01).
3. Student is able to plan and manage business ventures (P7S\_KO\_03).

#### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Formative (partial) assessment of the lecture - test of the material provided during the first part of the lectures.

Final assessment of the lecture: final test covering the material of all lectures and mandatory literature on the subject.

#### Programme content

1. Forecasting and planning of the company's financial needs.
2. Planning and assessment of the profitability of investment projects.
3. The concept, types, purpose and determinants of investment. Investors and their types.
4. The value of money over time. Investing in money market instruments.



5. Investing in capital market instruments (shares and subscription rights, bonds, participation units and investment certificates).
6. Investing in derivatives and structured instruments.
7. Invest in real estate. 8. Alternative investments.

### Teaching methods

1. Informative lecture.
2. Case method.

### Bibliography

#### Basic

1. Pluta W. , Planowanie finansowe w przedsiębiorstwie” PWE, 2003 r.
2. Dębski W., Teoretyczne i praktyczne aspekty zarządzania finansami przedsiębiorstwa, Wydawnictwo Naukowe PWN, Warszawa 2005.
3. Jajuga K., Jajuga T., Inwestycje, Wyd. PWN, Warszawa 2008.

#### Additional

1. Francis J. C., Inwestycje, Wyd. WIG-Press, Warszawa 2000.
2. C.H. Beck, Warszawa 2009. Pruchnicka-Grabias I. (red.), Inwestycje alternatywne, Wyd. CeDeWu, Warszawa 2008.
3. Bartkiewicz P., Szczepański M. (red.), Podstawy zarządzania finansami przedsiębiorstwa. instrumenty - metody - przykłady - zadania, Wydawnictwo Politechniki Poznańskiej, Poznan 2016.

### Breakdown of average student's workload

	Hours	ECTS
Total workload	30	1,0
Classes requiring direct contact with the teacher	15	0,5
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) <sup>1</sup>	15	0,5

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