



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Finances [S1IZarz1E>FIN]

### Course

Field of study

Engineering Management

Year/Semester

1/2

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

English

Form of study

full-time

Requirements

compulsory

### Number of hours

Lecture

30

Laboratory classes

0

Other

0

Tutorials

15

Projects/seminars

0

### Number of credit points

5,00

### Coordinators

dr Joanna Małecka

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### Lecturers

### Prerequisites

The student knows the basic concepts of economics and finance. Has general knowledge about the functioning of the economy and its management. The student has the skills to perceive, associate and interpret phenomena occurring in the economy. The student is able to form independent assessments in the field of socio-economic policy, as well as argue his position and defend his opinions.

### Course objective

Understanding the basic mechanisms of the functioning of the financial system in the national economy and its impact on financial decisions taken by individual business entities. Developing students' skills in solving problems arising in the selection of the source of financing.

### Course-related learning outcomes

Knowledge:

The student defines the essence of finance and describes its functions, classification of financial phenomena, and financial entities in the economy [P6S\_WG\_03].

The student describes the history of money, the mechanism of money creation, and the difference between cash and non-cash money [P6S\_WG\_04].

The student names and describes factors influencing financial decisions of various entities such as households, businesses, banks, and financial institutions [P6S\_WG\_05].

#### Skills:

The student interprets social phenomena related to finance, such as monetary policy, fiscal policy, and the tax system [P6S\_UW\_06].

The student analyzes the causes and course of financial processes, such as budget deficit, public debt, and money creation [P6S\_UW\_07].

#### Social competences:

The student identifies the need and utilizes opportunities for continuous education in the field of finance [P6S\_UU\_01].

The student recognizes cause-and-effect relationships in achieving financial goals and prioritizes the importance of different financial tasks [P6S\_KK\_02].

The student contributes substantively to the preparation of social projects, considering legal, economic, and organizational aspects in the field of finance [P6S\_KO\_01].

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

LECTURE: formative assessments: activity in discussions summarizing individual lectures giving the student the opportunity to assess the understanding of the problem; summative assessment: written exam (e.g. in the form of Moodle test or traditional).

TUTORIALS: Formative assessment: current activity during classes and participation in the discussion; tickets with 10 questions; written assignments based on given books, articles or movies; preparing a financial report on a given topic and delivering it during classes; case-study tasks; colloquium consisting of 26 questions including a minimum of three tasks to calculate). Summative assessment: arithmetic average of formative grades with rounding conditions given and placed on the MODDLE platform - it is not possible to get a pass without writing a colloquium for a positive grade (min. 55% of points)

### Programme content

1. The essence and definitions of finance
2. Money
3. Factors affecting financial decisions of various entities
4. Banking sector
5. Public finances characteristic.
6. Fiscal policy and tax system
7. Financial markets
8. Financing of enterprises

### Course topics

#### LECTURE:

- Definitions of finance,
- Functions of finance,
- Classifications of financial phenomena,
- Finance entities in the economy,
- History of money,
- Money creation mechanism,
- Cash and non-cash money,
- Factors affecting financial decisions of various entities Institutions
- Banking system
- Central Bank and its functions
- Monetary policy and its instruments,
- Commercial banks and their functions,
- Bank loan
- Budget and its functions,
- Characteristics of the central budget,
- Characteristics of JST budgets,

- Budget deficit, public finance deficit and public debt
- Characteristics of the Polish tax system)
- Structure of financial markets,
- Financial market entities and their importance in the economy.

#### TUTORIALS:

- Time value of money
- Investment decisions of enterprises
- Financial instruments
- Traditional and alternative sources of financing for enterprises
- Functions of taxes. Tax structures, principles and systems

#### Teaching methods

Lectures: Conversational lecture, interactive discussion

Tutorials: case study, discussion - seminar, discussion - paper; demonstration (movie, presentation)

#### Bibliography

##### Basic:

1. Podstawka, M. (2017). *Finanse, Instytucje, Instrumenty, Podmioty, Rynki, Regulacje*. PWN
2. Jaworski, J., Wiśniewskie, J. (2008). *Finanse w Nowoczesnej Gospodarce*. Prace Naukowe Wyższej Szkoły Bankowej w Gdańsku
3. Brigham, E., Houston, J. (2015) *Zarządzanie finansami*. PWN
4. Marecki, K. (2008). *Podstawy finansów*. PWE
5. T.Łuczka (2013). *Mikro- i makroekonomiczne determinanty struktury kapitału w małych i średnich przedsiębiorstwach*. Wyd.PP, Poznań.
6. T. Łuczka (2001). *Kapitał obcy w małym i średnim przedsiębiorstwie. Wybrane aspekty mikro- i makroekonomiczne*, PWN.
7. Małecka, J. (2018). *Alternative Sources of Financing for SMEs in Poland in the Light of Empirical Research*. Proceedings, Volume 2, EFERIC 2018. The 2nd Entrepreneurship and Family Enterprise Research International Conference. <https://doi.org/10.3390/proceedings2241521>  
<https://www.mdpi.com/2504-3900/2/24>
8. Małecka, J. (2017). *NewConnect as a Source of Financing form Small and Medium-Sized Enterprises*. Proceedings Paper IMECS 2017, pp.: 540-552. Praha: Vysoka Skola Ekonomicka & Praze. [http://imes.vse.cz/wp-content/uploads/2015/08/Conference\\_Proceedings\\_IMES\\_2017.pdf](http://imes.vse.cz/wp-content/uploads/2015/08/Conference_Proceedings_IMES_2017.pdf)  
WOS:000427316100048

##### Additional:

1. T. Łuczka (2001). *Kapitał obcy w małym i średnim przedsiębiorstwie. Wybrane aspekty mikro- i makroekonomiczne*, PWN.
2. W. Kasperkowiak, T. Łuczka (2022), *Ryzyko jako determinanta internacjonalizacji mikro, małych i średnich przedsiębiorstw*
3. Małecka, J. (2017). *Alternative Securities Markets as Financing Sources for SMEs - Selected Aspects of AIM and NC*. Contemporary Issues in Business, Management and Education 2017, 1-9  
<http://doi.org/10.3846/cbme.2017.072>
4. Małecka, J. (2016). *Alternative Securities Markets in Poland and the United Kingdom*. Problemy Zarządzania vol.14, nr 4(63),t.1,pp:11-24. <http://dx.doi.org/10.7172/1644-9584.63.1> WOS: 000400572200001
5. Małecka, J. (2015). *Giełda Papierów Wartościowych w Warszawie jako potencjalne źródło finansowania małych i średnich przedsiębiorstw*. ZN NR 848 Ekonomiczne Problemy Usług nr 116. P.496-507. Szczecin: Wydawnictwo Uniwersytetu Szczecińskiego.  
[http://www.wzieu.pl/zn/848/ZN\\_848.pdf](http://www.wzieu.pl/zn/848/ZN_848.pdf)

#### Breakdown of average student's workload

	Hours	ECTS
Total workload	125	5,00
Classes requiring direct contact with the teacher	45	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	80	3,00