



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Finances

### Course

Field of study

Engineering Management

Area of study (specialization)

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

1/2

Profile of study

general academic

Course offered in

English

Requirements

compulsory

### Number of hours

Lecture

30

Laboratory classes

Tutorials

15

Projects/seminars

Other (e.g. online)

### Number of credit points

5

### Lecturers

Responsible for the course/lecturer:

Prof. Teresa Łuczka, Ph.D., D.Sc.,

Mail to: [teresa.luczka@put.poznan.pl](mailto:teresa.luczka@put.poznan.pl)

Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań

Responsible for the course/lecturer:

Ph.D., Joanna Małecka

Mail to: [joanna.malecka@put.poznan.pl](mailto:joanna.malecka@put.poznan.pl)

Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań

### 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 has structured and theoretically well-founded knowledge in the field of fundamental economic issues and the functioning of the modern market economy [P6S\_WG\_03 ],

- has knowledge on the organisational structures, their evolution, the processes of shaping and changes in the economy [P6S\_WG\_04 ],
- has basic knowledge on types and business network relationships in Poland and abroad , including European Union [P6S\_WG\_05],
- has basic knowledge on the nature of management sciences and their place and relationships with contextual and ergological sciences[P6S\_WG\_11].

#### Skills

The student analyses the solutions put forward to specific management problems and suggests appropriate solutions in this regard [P6S\_UW\_04],

- can correctly interpret social phenomena: cultural, political, legal and economic in the field of management [P6S\_UW\_06],
- properly analyses the causes and course of specific social processes and phenomena: cultural, political, legal, economic in the field of management [P6S\_UW\_07],
- can identify the need and use the possible options for continuous training (second and third cycle studies, postgraduate studies, courses) - improving professional, personal and social competences[P6S\_UU\_01].

#### Social competences

The student is able to see the cause-and-effect relationships in the implementation of the goals set and rank the importance of alternative or competitive tasks [P6S\_KK\_02],

- is able to make a substantive contribution to the development of social projects, taking into account legal, economic and organizational aspects [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 (Definitions of finance, Functions of finance, Classifications of financial phenomena, Finance entities in the economy)
2. Money (History of money, Money creation mechanism, Cash and non-cash money, Time value of money)
3. Factors affecting financial decisions of various entities (Households, Enterprises, Banks, Financial Institutions)
4. Banking sector (Banking system, Central Bank and its functions, Monetary policy and its instruments, Commercial banks and their functions, Bank loan)
5. Fiscal policy (Budget and its functions, Characteristics of the central budget, Characteristics of JST budgets, Budget deficit, public finance deficit, public debt)
6. Tax system (Tax functions and principles, Tax structures, Characteristics of the Polish tax system)
7. Financial markets (Structure of financial markets, Financial market entities and their importance in the economy, Financial instruments)
8. Alternative sources of financing for enterprises
9. Public finances characteristic.

### 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. 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>

2. 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

3. 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	5,0
Classes requiring direct contact with the teacher	45	2,0
Student's own work (literature studies, preparation for laboratory / exercises, preparation for colloquia / exam, project preparation, watching movies, cas-study tasks, writing an essay, reading a book) <sup>1</sup>	80	3,0

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