



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

polish

Requirements

compulsory

Number of hours

Lecture

30

Laboratory classes

Other (e.g. online)

Tutorials

15

Projects/seminars

Number of credit points

5

Lecturers

Responsible for the course/lecturer:

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Responsible for the course/lecturer:

Wydział Inżynierii Zarządzania

ul. J. Rychlewskiego 2, 60-965 Poznań

Prerequisites

KNOWLEDGE: The student knows the basic concepts of economics and finance. Has general knowledge about the functioning of the economy and its management. The student is familiar with the administrative structure of the state.

SKILLS: The student has the skills to perceive, associate and interpret phenomena occurring in the economy. Has the ability to perform calculations in the field of mathematical analysis.

SOCIAL COMPETENCES: 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. They should show willingness to cooperate within the team.

Course objective

The Students understand 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 and dilemmas arising in the selection of the source of financing.

Course-related learning outcomes

Knowledge

1. Knows the concept of finance and is able to identify financial streams and resources in the economy
2. Is familiar with the basics of monetary policy
3. Is familiar with the basics of fiscal policy
4. Is able to discuss the basic issues related to financial markets

Skills

1. Has the ability to perceive, associate and interpret phenomena occurring in the economy in the field of finance
2. Can assess the impact of policies pursued by the state on interest rate fluctuations
3. Has the ability to find necessary information on macro-scale finance for efficient management of the enterprise
4. Is able to independently calculate the possible payments of the credit installment and understands the meaning of the APR

Social competences

1. The student is aware of the impact of fiscal and monetary policy and financial markets on the functioning of individuals and enterprises
2. Recognizes the need to compromise in various areas of economic policy
3. Is able to communicate efficiently in the field of finance and various policies implemented by the state
4. Has the ability to compare global economies based on macroeconomic data

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

LECTURE: formative assessments obtainable for: activity in discussions summarizing individual lectures or specific material (e.g. books, movies, articles), giving the student the opportunity to assess the understanding of the problem; written assignments asked during the semester (e.g. essay), written exam (e.g. in the form of Moodle test or traditional). 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 passing the exam for a positive grade (min. 55% of points)

TUTORIALS: Formative assessment: current activity during classes and participation in the discussion; tickets with 10 questions; written works based on given books, articles or movies; preparing a financial



report on a given topic and delivering it during classes; cas-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. Banking sector (Banking system, Central Bank and its functions, Monetary policy and its instruments, Commercial banks and their functions, Bank loan)
4. Fiscal policy (Budget and its functions, Characteristics of the central budget, Characteristics of JST budgets, Budget deficit, public finance deficit, public debt)
5. Tax system (Tax functions and principles, Tax structures, Characteristics of the Polish tax system)
6. Financial markets (Structure of financial markets, Financial market entities and their importance in the economy, Financial instruments)
7. Alternative sources of financing for enterprises
8. Factors affecting economic decisions of various entities (Households, Farms, Enterprises, Banks, Insurers and investment funds)

Teaching methods

- I. FEEDING: 1. Informative lecture 2. Problem lecture 3. Conversational lecture 4. Talking 5. Lecture, reading
- II. SEARCHING FOR: 1. Case study 2. Brainstorming 3. Discussion - round table 4. Discussion - pyramid 5. Discussion - seminar 6. Discussion - paper
- III. TUTORIAL - PRACTICAL: 1. Auditorium exercises 2. Demonstration method 3. Project method 4. Workshop method
- IV. EXPOSING: 1. Demonstration (movie, presentation)

Bibliography

Basic

1. 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>

2. 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
WOS:000427316100048
3. Podstawka, M. (2017). Finanse, Instytucje, Instrumnty, Podmity, Rynki, Regulacje. PWN
4. Jaworski, J., Wiśniewskie, J. (2008). Finanse w Nowoczesnej Gospodarce . Prace Naukowe Wyższej Szkoły Bankowej w Gdańsku
5. Brigham, E., Houston, J. (2015) Zarządzanie finansami. PWN

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
4. Marecki, K. (2008). Podstawy finansów. PWE
5. Ostaszewski, J. (2005). Finanse. Difin
6. Korenik, D., Korenik, S. (2004).Podstawy finansów. PWN

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) ¹	80	3,0

¹ delete or add other activities as appropriate