



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Principles of market economy and organization

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### Course

Field of study

Biomedical Engineering

Area of study (specialization)

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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

elective

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### Number of hours

Lecture

30

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

### Number of credit points

3

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### Lecturers

Responsible for the course/lecturer:

dr Małgorzata Rembiasz

Responsible for the course/lecturer:

malgorzata.rembiasz@put.poznan.pl

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### Prerequisites

The student starting this subject should have a basic knowledge of entrepreneurship and use the basic terms acquired during their study. He should also be able to obtain information from specified sources and assess media information. In addition, he should be ready and able to cooperate in a group.

### Course objective

Students learn theoretical and practical knowledge of the basic principles of market economy



functioning, enterprise management and analysis of the economic processes taking place in them. The aim of the course is also to develop students' skills in solving problems arising in the management of enterprise resources.

### Course-related learning outcomes

#### Knowledge

The student has the general knowledge necessary to understand the economic determinants of engineering activities.

The student has basic knowledge regarding management and conducting business activities.

The student has knowledge of the principles of creating and developing forms of individual entrepreneurship associated with the studied field of

#### Skills

The student works individually and cooperates effectively in the team.

The student has the ability to self-study.

#### Social competences

The student understands the need for further training and raising their professional and personal competence

The student is able to interact and work in a group, assuming different roles in it

The student is able to think and act in an entrepreneurial manner

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

1. Written exam (on a satisfactory grade must get more than 50% correct answers)
2. Case studies and discussions based on scientific literature at lectures, which give lecture participants the opportunity to obtain additional points added to the points obtained from the written test in order to give the final grade of the lecture.
4. Discussions summarizing individual lectures, giving the opportunity to assess the student's understanding of the issues.

### Programme content

1. Basic economic concepts: Market, demand, supply.
2. The enterprise and its functions in the economy.
3. Assessment of the efficiency of the national economy
- 4, The role of money and monetary policy
5. The state budget



6. Inflation and unemployment
7. Internationalization and globalization of the economy and enterprises
8. Business plan - as a projection of the company's goals and ways to achieve them.
9. Management of fixed and current assets in the enterprise
10. Human capital management
11. Basic instruments for financing enterprises
12. Financial statements and financial indicators
13. Internationalization of enterprises
14. Forms of enterprise cooperation

### Teaching methods

1. Lecture: traditional lecture using multimedia presentations, problem lecture - discussion with students on solving a given problem, conversational lecture - drawing listeners into the discussion, controlling the course of the lecture depending on the answers given.
2. Case studies.

### Bibliography

#### Basic

Borowiec A., Brzęczek T., Mikroekonomia, Wyd. Politechnika Poznańska, Poznań 2011

Podstawy ekonomii red. R. Milewski, E. Kwiatkowski, PWN, Warszawa 2013

Łuczka T., Przepióra P., Zarządzanie małym i średnim przedsiębiorstwem. Wydawnictwo Politechniki Poznańskiej, Poznań 2011.

Podstawy zarządzania finansami przedsiębiorstw: instrumenty, metody, przykłady, zadania, red. P. Bartkiewicz, M. Szczepański, Wydawnictwo PP 2016.

#### Additional

M. Rekowski, Mikroekonomia, Wyd. Contact, Poznań 2015

P. A. Samuelson, W. D. Nordhaus, Ekonomia, Wyd. Dom Wydawniczy REBIS, Poznań 2012

Rembiesz M., Rola strategii w zarządzaniu małymi i średnimi przedsiębiorstwami, [w:] S. Trzcieleński, Wybrane problemy zarządzania. Teraźniejszość i przyszłość, Wydawnictwo Politechniki Poznańskiej, Poznań 2013

Ekonomika przedsiębiorstw, Engelhardt J (red), CeDeWu, Warszawa 2017



Lachiewicz S., Matejun M., Zarządzanie rozwojem małych i średnich przedsiębiorstw, Wydawnictwo Wolters Kluwer Polska, Warszawa, 2011.

### Breakdown of average student's workload

	Hours	ECTS
Total workload	75	3,0
Classes requiring direct contact with the teacher	30	1,5
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) <sup>1</sup>	45	1,5

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