



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

PO 3.3.1 Podstawy ekonomii - EC 3.3.1 Fundamentals of economics

### Course

Field of study

Teleinformatics

Year/Semester

2/3

Area of study (specialization)

Profile of study

general academic

Level of study

second-cycle studies

Course offered in

Polish

Form of study

full-time

Requirements

elective

### Number of hours

Lecture

15

Laboratory classes

15

Other (e.g. online)

Tutorials

15

Projects/seminars

0/0

### Number of credit points

3

### Lecturers

Responsible for the course/lecturer:

Responsible for the course/lecturer:

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### Prerequisites



The student has knowledge of mathematics at the high school level. The student has a basic knowledge of mathematical analysis. Basic knowledge of logic.

### Course objective

The aim of the course is to provide knowledge about the basic principles of economics, both in the field of microeconomics and macroeconomics. Knowledge of these fields will allow students to understand the basic phenomena that occur in the modern market economy. At the same time, it is an indispensable basis for other, specialized subjects. The implementation of the classes will consist in particular in: defining basic economic concepts, introducing into the functioning of the economic system based on the market mechanism, and explaining the decision-making process by market participants (with particular emphasis on enterprises and the state).

### Course-related learning outcomes

#### Knowledge

1. The student explains the concepts of operation of individual economic entities and the basic rules used by these entities in the process of making market decisions.
2. The student describes selected market structures and explains their impact on the activities of economic entities.
3. The student explains the basic principles and instruments of the economic policy of the state.

#### Skills

1. The student is able to plan and implement tasks taking into account economic aspects.
2. The student is able to analyze decision problems using the laws and rules postulated by the basic theory of economics.
3. The student is able to analyze statistical data.
4. The student is able to use ICT tools to solve economic problems.

#### Social competences

1. The student is ready to present his / her own opinions on economic problems in the group.
2. The student knows how to work in a team to solve economic problems.
3. The student is aware of the need to follow the rules of cooperation in a team.

### Methods for verifying learning outcomes and assessment criteria

The learning outcomes presented above are verified as follows.

Assessment is based on checking the knowledge and skills shown in the written test on the theory of fundamentals of economics (open and closed question), as well as on the basis of obtaining additional points for activity during classes, especially for: 1. presentation of additional issues during lectures 2. applying the acquired knowledge while solving a given problem 3. formulating one's own opinions. In addition, other forms of activity and exercises are evaluated.

The condition for passing the course is to obtain a positive summary grade from the lecture, exercises, and laboratories.



Rating scale: 5.0 (very good), 4.5 (good plus), 4.0 (good), 3.5 (sufficient plus), 3.0 (satisfactory), 2.0 (insufficient).

## Programme content

1. INTRODUCTION TO ECONOMICS Economics as a science of management; microeconomics a macroeconomics; marginal analysis; opportunity cost.
2. MARKET ECONOMY Demand and the law of demand, supply, and the law of supply; market equilibrium - operation of the market mechanism; nonprice factors influencing supply and demand, interference states in the operation of the market mechanism.
3. PRICE FLEXIBILITY OF DEMAND AND BUSINESS REVENUE Price elasticity of demand; the relationship between the price elasticity of demand and the revenues of enterprises, practical applications of the price elasticity of demand.
4. GROUNDS FOR THE MANUFACTURER'S ECONOMIC DECISIONS. Goals of the enterprise. The production function in short term; total, average, marginal product; three stages of production; descending law marginal productivity.
5. PRODUCTION COSTS Short-term costs: fixed cost, variable cost, total cost, cost average, marginal cost; long-term costs and economies of scale.
6. THE STATE IN THE MARKET ECONOMY
- 7 ECONOMIC GROWTH Economic growth; growth factors; GDP as a measure of growth; the state and economic growth.
9. FISCAL POLICY Fiscal policy; budget; expansive and restrictive fiscal policy.
10. MONEY AND MONETARY POLICY Functions of money; commercial banks and the central bank; sources of the money supply; demand for money; money market; monetary policy and its instruments; inflation: concept, causes and effects.
11. BUSINESS FLUCTURES The business cycle; cycle phases; economic indicators; policy countries in different phases of the cycle.

## Teaching methods

Lecture with a multimedia presentation (including: drawings, photos) supplemented with examples given on the blackboard, taking into account various aspects of the issues presented, including: economic, legal, environmental and social. As part of exercises and laboratories, solving simple tasks illustrating the issues discussed.

## Bibliography

### Basic

1. Bogusław Czarny, Podstawy ekonomii, wyd. 3 zmien., PWE, Warszawa 2011.
2. Eulalia Skawińska, Katarzyna Sobiech, Katarzyna Nawrot, Makroekonomia. Teoretyczne i praktyczne aspekty gospodarki rynkowej, PWE Warszawa 2011.
3. Gregory N. Mankiw, Mark P. Taylor, Mikroekonomia, PWE, Warszawa 2009.
4. Paul Krugman, Robin Wells, Makroekonomia, Wydawnictwo Naukowe PWN, Warszawa 2020.



Additional

1. Olejniczak, K., Dębicka, A. (2019), Entrepreneurship and competitiveness of subregions. The case of the Wielkopolska region in Poland, Biblioteka Regionalisty, <https://bibliotekanauki.pl/articles/434764>
2. Olejniczak, K., Dębicka, A., (2020), Selected features of small and medium-sized enterprises related to international entrepreneurship: an empirical analysis, Prace Naukowe Uniwersytetu Ekonomicznego we Wrocławiu

**Breakdown of average student's workload**

	Hours	ECTS
Total workload	86	3.0
Classes requiring direct contact with the teacher	45	2.0
Student's own work (preparation for tests, preparation for tutorials, preparation for laboratory classes, literature studies)	41	1.0