



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Macroeconomics

### Course

Field of study

Engineering Management

Area of study (specialization)

Managing Enterprises of the Future

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

### Number of hours

Lecture

30

Laboratory classes

Tutorials

15

Projects/seminars

Other (e.g. online)

### Number of credit points

4

### Lecturers

Responsible for the course/lecturer:

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Professor

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Responsible for the course/lecturer:

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### Prerequisites

1. Student has a basic knowledge of microeconomics. Student properly uses economic terms.
2. Student knows the market structures and basic principles of them.
3. Student has the ability of economic analysis and inference.

### Course objective

- O1. To provide knowledge on basic relationships in a market economy.
- O2. To transfer the knowledge of the allocation of resources and goods in the process of globalization.
- O3. To educate skills to correctly interpret and conduct of macroeconomic analysis using standard tools of economic analysis.

### Course-related learning outcomes

#### Knowledge

The student defines basic macroeconomic models such as the national income model, fiscal and monetary policy and their impact on the economy [P7S\_WG\_04].

The student describes the market mechanisms shaping price levels, interest rates and exchange rates as well as identifies their interrelationships in a global context [P7S\_WG\_06].

The student recalls the principles of financial markets and explains their role in economic stabilization [P7S\_WK\_03].

The student recognizes the causes and effects of economic phenomena such as inflation, unemployment, Gross Domestic Product (GDP) and budget deficit, using historical data and examples to illustrate and analyze these phenomena in the context of real economic scenarios [P7S\_WG\_08].

#### Skills

The student analyzes and interprets macroeconomic indicators and evaluates the consequences of economic decisions made by central banks and governments [P7S\_UW\_01].

The student uses advanced analytical tools, such as general equilibrium modeling, to forecast changes in the economy [P7S\_UW\_02].

The student performs critical analysis of economic policies and their impact on various sectors of the economy [P7S\_UW\_06].

The student study macroeconomic scenarios and evaluates the economic risks associated with various policies [P7S\_UW\_07].

#### Social competences

The student demonstrates an understanding of the importance of macroeconomics in strategic planning



and public policy making and provides examples and analyzes cases in which macroeconomic knowledge is critical to business decisions and public policy impacts, using specific scenarios and data [P7S\_KK\_01].

The student integrates macroeconomic knowledge with other disciplines, such as management, finance or international economics, in order to effectively analyze complex economic problems [P7S\_KK\_02].

The student has the ability to prepare and present macroeconomic analyses that are relevant to investment and operational decisions in organizations [P7S\_KO\_01].

The student develops competence in ethical decision-making, taking into account the impact of macroeconomic changes on society and the environment [P7S\_KR\_01].

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Knowledge acquired during the lecture is verified by carrying out two tests. The first one covers some of the issues presented in the lecture. Required complementation of knowledge based on literature studies. The test is considered passed when the student obtains at least 55% of the total points. The second test is the final test, covering all the material discussed during lectures, which requires supplementation and consolidation in the study of the student's own work and literature studies. At least 55% of correct answers are required. The final note can be higher thanks to the student's activity - preparing additional work e.g. essay.

Skills acquired as part of the tutorials are reinforced based on two tests (partial and final). Tests cover theoretical and practical issues (task solving) from the program content. At least 55% of correct answers are required. The final note can be higher thanks to the student's activity - preparing additional work e.g. essay.

### Programme content

1. The modern school of economic thought in macroeconomics.
2. The market economy and its types.
3. The role of the state in a market economy.
4. Evaluating the effectiveness of a market economy
5. Economic growth and development in theory and practice.
6. The role of money and monetary policy.
7. An imbalance in the modern economy.
8. The state budget.
9. System transformation of the Polish economy.
10. Globalization.



11. International economic integration.
12. International economic relations.
13. Macroeconomic disparities moder global economy.
14. Sustainable growth

### Teaching methods

Teaching methods of the lecture: information lecture; independent work with the book

Teaching methods of the tutorials: practise method (auditorium exercises); conversation lecture; talk; project method – student projects prepared in groups; independent work with a book

### Bibliography

#### Basic

1. Makroświat. Podręcznik z zadaniami do makroekonomii. M. Gajowiak (red.). Wyd. PP, Poznań 2013.
2. Skawińska E., Sobiech-Grabka K.G., Nawrot K.A., Makroekonomia. Teoretyczne i praktyczne aspekty gospodarki rynkowej. PWE, Warszawa 2010.
3. Wybrane problemy ekonomii. T. Protas (red.). Wyd. PP, Poznań 2005.
4. Mankiw N.G., Taylor M., Makroekonomia, PWE, Warszawa 2009.
5. Domańska A., Macroeconomics, Warsaw School of Economics, Warsaw 2015.
6. Mishkin F.S., Macroeconomis: policy and practice, Pearson Education 2012.

#### Additional

1. Nowak A.Z., Zalega T., Makroekonomia, PTE, Warszawa 2015.
2. Makro- i mikroekonomia. Podstawowe problemy współczesności. S. Marciniak (red.). PWN, Warszawa 2013.
3. Krugman P., Wells R., Makroekonomia. PWN, Warszawa 2012.
3. Samuelson P.A., Nordhaus W. D., Ekonomia, Wyd. REBIS, Poznań 2012.
4. Balicki W., Makroekonomia, WSB, Poznań 2011
5. Reporst of NBP, GUS, PARP, WEF, IMD, UE from Internet resources



### Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,0
Classes requiring direct contact with the teacher	45	2,0
Student's own work (literature studies, preparation for tutorials, preparation for tests/exam, project preparation) <sup>1</sup>	55	2,0

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