



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Macroeconomics

### Course

Field of study

Engineering Management

Area of study (specialization)

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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Faculty of Engineering Management

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Responsible for the course/lecturer:

### 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

1. Student knows the basic paradigms of modern economics (P7S\_WG\_04).
2. Student knows the basic measures of efficiency of the national economy (P7S\_WG\_04).
3. Students knows the main features, indicators and correlations of the basic economic categories (P7S\_WG\_06).
4. Student knows the accuracy of the international division of labor and international trade, including work organization within network and virtual structures (P7S\_WG\_07).

#### Skills

1. Student is able to identify the types of market economy (P7S\_UW\_06).
2. Student is able to calculate indicators of inflation, unemployment, GDP, money supply etc. and interpret them (P7S\_UW\_07).
3. Student is able to carry out a comparative analysis of global economies in the field of basic economic measures and indicators and choose the appropriate methods of them (P7S\_UW\_07).
4. Student is able to indicate developmental disproportions in world economies and make an attempt to indicate their sources by putting forward their own hypotheses and attempting to verify them (P7S\_UW\_07).
5. Student is able to assess the factors of economic growth and the importance of money for its development (P7S\_UW\_07).

#### Social competences

1. Student actively participates in the discussion on a given topic (P7S\_KK\_01).
2. Student extends the acquired knowledge and improves acquired skills (P7S\_KK\_01).
3. Student shares knowledge and is involved in teamwork to solve the problem, respecting the views of other team members (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.



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.

### 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 in the modern global economy.

### Teaching methods

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

Teaching methods of the tutorials: practice 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.
3. Mankiw N.G., Taylor M., Makroekonomia, PWE, Warszawa 2009.



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. Report of NBP, GUS, PARP, WEF, IMD, UE from Internet resources

**Breakdown of average student's workload**

	Hours	ECTS
Total workload	90	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>	45	2,0

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