STUDY MODULE DESCRIPTION FORM

Name of the module/subject **Macroeconomy**	Code **1011105211011100179**

Field of study **Engineering Management - Part-time studies -**	Profile of study (general academic, practical) **(brak)**	Year /Semester **1 / 1**

Elective path/specialty **Quality Systems and Ergonomics**	Subject offered in: **Polish**	Course (compulsory, elective) **obligatory**

Cycle of study: **Second-cycle studies**	Form of study (full-time,part-time) **part-time**

No. of hours Lecture: **16** Classes: **14** Laboratory: **-** Project/seminars: **-**	No. of credits **4**

Status of the course in the study program (Basic, major, other) **(brak)**	(university-wide, from another field) **(brak)**

Education areas and fields of science and art	ECTS distribution (number and %**)**

Responsible for subject / lecturer:	**Responsible for subject / lecturer:**
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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Student has a basic knowledge of microeconomics. Student knows the basic laws and principles of economics. Students knows the market structure.
2	**Skills**	Student is able to assess the economic information media. Student properly uses economic terms. Student has the ability of economic analysis.
3	**Social competencies**	Student takes entrepreneurial activity. Student is aware of the processes and socio-economic phenomena. Student participates in the life of the academic community.

Assumptions and objectives of the course:

C1. To provide knowledge on basic interrelationships in a market economy.

C2. To transfer the knowledge of the allocation of resources and wealth in the process of globalization.

C3. To educate skills to correctly interpret and conduct of macroeconomic analysis using standard tools of economic analysis.

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. Student knows the basic paradigms of modern economics. - [- [K2A_W01, K2A_W04, K2A_W05, K2A_W18]

2. Student knows the performance indicators of the market economy. - [- [K2A_W01, K2A_W04, K2A_W05, K2A_W18]]

3. Student knows the processes of economic growth and development. - [- [K2A_W01, K2A_W04, K2A_W05, K2A_W18]]

4. Student has knowledge about the processes that shape social reproduction. - [- [K2A_W01, K2A_W04, K2A_W05, K2A_W18]]

5. Student knows the economic indicators of the business cycle. - [- [K2A_W01, K2A_W04, K2A_W05, K2A_W18]

6. Student knows the causal interdependence of economic phenomena. - [- [K2A_W01, K2A_W04, K2A_W05, K2A_W18]]

7. Student knows the methods of analysis of balance and imbalance in an open economy.] - [- [K2A_W01, K2A_W04, K2A_W05, K2A_W18]

8. Student knows the accuracy of the international division of labor and international trade. - - [[K2A_W01, K2A_W04, K2A_W05, K2A_W18]]

Skills:

1. Student is able to identify the types of market economy.   - [[K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]

2. Student has the ability to solve problems relating to the calculation of inflation, unemployment, budget and international trade.   - [[K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]

3. Student is able to review and critically evaluate the method SNA (system of national account) the calculation of GDP - [- [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A]

4. Student is able to assess factors of economic growth and the importance of money for its development.   - [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]

5. Student can explain the causes and conditions of macroeconomic disparities modern global economy.   - [- [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]

6. Student can measure and interpret economic indicators to make its decision.   - [- [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]

7. Student can evaluate the performance of individual economies in the world through a set of measures and indicators.   - [- [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]

8. Student has the ability to interpret the sources of economic crisis.   - [- [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]

9. Student can estimate the size mismatch of the Polish economy to the EU (the gap of innovation, competitiveness effects). - [- [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]

Social competencies:

1. Student actively participates in the discussion on a given topic.   - [[K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2A_K06]]

2. Student takes care of organizing teamwork to solve the problem.   - [- [K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2]]

3. Student interacts and works in the group taking in the different roles.   - [- [K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2]]

4. Student shares his knowledge and seek additional information.   - [- [K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2]]

5. Student has excellent skills and knowledge of interdisciplinary dimension.   - [- [K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2]]

6. Student is capable of entrepreneurial activities.   - [- [K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2]]

Assessment methods of study outcomes

-Forming Rating:

Grading on the basis of: colloquium, active participation in class

summary assessment

Written exam (test), required at least 55% correct answers.

Course description

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 modern global economy.

Teaching methods:

lectures:

- Information (exchange rate) lecture

- Independent work with the book.

exercises:

- Pracice method (auditorium exercises)

- Project method - student projects prepared in groups,

- Presentations

- Independent work with the book.

Basic bibliography:

1. 1. Krugman P., Macroeconomics, McMillan Learning, 2010 or later edition.

2. 2. Skawińska E., Sobiech-Grabka K.G., Nawrot K.A., Makroekonomia. Teoretyczne i praktyczne aspekty gospodarki rynkowej, PWE, Warszawa 2010.

3. 3. Skawińska E., Sobiech-Grabka K.G., Wstęp do Makroekonomii, Wyd. Politechniki Poznańskiej, Poznań 2010.

4. 4. Begg D., Fischer S., Dornbusch R., Makroekonomia, PWE, Warszawa 2007.

5. 5.. Makroświat. Podręcznik z ćwiczeniami do makroekonomii, red. M. Gajowiak, Wyd. Politechniki Poznańskiej, Poznań 2013.

Additional bibliography:

1. 1. Wilczyński W., Polski przełom ustrojowy 1989-2005: ekonomia epoki transformacji, Wyd. WSB, Poznań 2005.

2. 5. Podstawy makroekonomii. Problemy ? zadania ? rozwiązania, red. A. Baszyński, W. Jarmołowicz, UE w Poznaniu, Poznań 2009

3. 3. Samuelson P.A., Nordhaus W. D., Ekonomia, t. 2, WN PWN, Warszawa 2004

4. 4. Balicki W., Makroekonomia, WSB, Poznań 2011.

5. 5. Reports made by chosen institutions like NBP, GUS, PARP, WEF, IMD, UE (from their web sites)

Result of average student's workload

Activity	Time (working hours)
1. Lectures	16
2. Exercises	14
3. Prepare for exercise	25
4. The consultation exercise	16
5. Exam Preparation	25
6. Exam	2
7. Discussion of the results of the examination	2

Student's workload

Source of workload	hours	ECTS
Total workload	100	4
Contact hours	50	2
Practical activities	14	1