

**FACULTY OF COMPUTER SCIENCE AND MANAGEMENT****SUBJECT CARD****Name in Polish Makroekonomia****Name in English Macroeconomics****Main field of study (if applicable): Management****Specialization (if applicable): Organizational Management (OM)****Level and form of studies: 1st level, full-time****Kind of subject: obligatory****Subject code EKZ1182****Group of courses NO**

	Lecture	Classes	Laboratory	Project	Seminar
Number of classes organized by the University (ZZU)	<b>30</b>	<b>15</b>			
The total number of hours of student workload (CNPS)	<b>120</b>	<b>60</b>			
Form of crediting	<b>Examination</b>	<b>credit with a grade</b>			
For a group of courses final course mark (X)					
Number of points ECTS	<b>4</b>	<b>2</b>			
including the number of points corresponding to the classes of practical (P)		<b>2</b>			
in the number of ECTS credits corresponding to the classes requiring direct contact (BK)	<b>1</b>	<b>0,5</b>			

\*niepotrzebne skreślić

**PREREQUISITES FOR KNOWLEDGE, SKILLS AND OTHER POWERS**

1. A course in microeconomics

**COURSE OBJECTIVES**

C1 Knowledge and understanding of the theory of macroeconomic management

C2 Education the ability to understand the correctness of macroeconomic management in the context of economic growth and development.

C3 Education skills identification and analysis of macroeconomic factors in the dimension of content and control in conjunction with the implemented economic policy

### SUBJECT LEARNING OUTCOMES

The scope of knowledge:

PEK\_W01 He has knowledge of the place of economics in the sciences, and of the substantive and methodological links with other scientific disciplines. It is characterized by the main theories of economics.

PEK\_W02 He knows the circumstances and depending on macroeconomic growth and development of the national economy and the world. Knows the basic economic tools and regulations on the national economy, the economies of integration groups globally.

The range of skills:

PEK\_U01 Understands and is able to use theoretical knowledge in economics and related disciplines to analyze and interpret problems in macroeconomic management.

PEK\_U02 It has the ability to identify, understand and analyze the macroeconomic factors in the context of the policy as part of macroeconomic and business environment.

The scope of social competence:

PEK\_K01 Can discuss possible solutions to the practical functioning of the economy at the macroeconomic level, to justify the view presented by analyzing the benefits and risks of particular solutions.

<b>Course content</b>		
<b>Type of course - lecture</b>		<b>Number of hours</b>
1	Flow of money in an economy (market of production factors, goods market, financial market, money market); aggregated demand and supply, market equilibrium	2
2	National accounts: components of national accounts, price deflators	2
3	Market of production factors: production functions, equilibrium wages and rents, income division,	2
4	Goods and financial markets: Determinants of demand for goods (consumption, government expenditures, investments); equilibrium interest rate	4
5	Money market: history of money, role of money, inflation (real values of money, costs of inflation), demand and supply of money, money creation	3
6	International trade: net export, small open economy (international vs. local interest rate), exchange rate, international effects of fiscal policies	3
7	Keynesian cross: expected and realized expenditures; multiplier effect	2
8	IS-LM model: fiscal vs. monetary policies; multiplier effect	4
9	Labor market: measurements of employment and policy analysis	2
10	Business cycle: theories and stylized facts; effects of stabilizing policies	4
11	Globalization and international economic integration: an example of EU	2

	Total hours	<b>30</b>
--	-------------	-----------

<b>Type of course - classes</b>		<b>Number of hours</b>
Cl 1	Aggregated demand and supply, market equilibrium	2
Cl 2	National accounts: components of national accounts, price deflators	2
Cl 3	Market of production factors: production functions, equilibrium wages and rents	2
Cl 4	Goods and financial markets: equilibrium interest rate	2
Cl 5	Money market: real values of money, demand and supply of money, money creation	2
Cl 6	International trade: net export, small open economy (international vs. local interest rate), exchange rate	2
Cl 7	Final test	2
	<b>Total hours</b>	<b>15</b>

<b>Type of course - laboratory</b>		<b>Number of hours</b>
La1		
La2		
La3		
	<b>Total hours</b>	

<b>Type of course - project</b>		<b>Number of hours</b>
Pr1		
Pr2		
Pr3		
	<b>Total hours</b>	

<b>Type of course - seminar</b>		<b>Number of hours</b>
Se1		
Se2		
Se3		
	<b>Total hours</b>	

<b>TOOLS FOR TEACHING</b>
Lecture N1. Lecture information N2. Multimedia presentation N3. Lecture problem  Classes N4. Solving practical N5. Discussion

**EVALUATION OF THE EFFECTS OF EDUCATION ACHIEVEMENTS**

Ratings (F - forming (during the semester), P - Summary (at the end	Number of training effect	Way to evaluate the effect of education achievement
---	---------------------------	---

of the semester)		
F1	PEK W02	Test
F2	PEK U01 PEK U02	Practical exercises test
F3	PEK K01	Participation in the discussion
F4	PEK W01 PEK W02 PEK U01	The examination in the form of test
P(lectures) = F4		
P (exercises) = 0,4*F1+0,4*F2+0,2*F3		

### **BASIC AND ADDITIONAL READING**

#### **BASIC READING:**

- [1] *Principles of Macroeconomics* by Mankiw, Kneebone, McKenzie, Fifth Canadian edition, Publisher: Nelson.
- [2] D. Begg, S. Fischer, R. Dornsbuch, *Makroekonomics*, Mc GRAW-HILL BOOK COMPANY.

#### **ADDITIONAL READING:**

- [1] R. Milewski (red.), *Podstawy ekonomii. Ćwiczenia, zadania, problemy*, PWN, Warszawa 2002 i kolejne wydania.

#### **COURSE SUPERVISOR (NAME, ADDRESS E-MAIL)**

**Katarzyna Maciejowska,**  
[katarzyna.maciejowska@pwr.wroc.pl](mailto:katarzyna.maciejowska@pwr.wroc.pl)

**MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT  
Macroeconomics  
AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY Management  
AND SPECIALIZATION Organizational Management (OM)**

<b>Subject educational effect</b>	<b>Correlation between subject educational effect and educational effects defined for main field of study and specialization (if applicable)**</b>	<b>Subject objectives***</b>	<b>Programme content***</b>	<b>Teaching tool number***</b>
<b>PEK_W01 (knowledge)</b>	K1_ZARZ_W01 K1_ZARZ_W02	C1	Lec1÷Lec12	N1, N2, N3
<b>PEK_W02</b>	K1_ZARZ_W03	C2, C3	Cl 1÷Cl 7	N4, N5
<b>PEK_U01 (knowledge)</b>	K1_ZARZ_U02 K1_ZARZ_U03	C1 C2	Lec1, Lec3÷Lec12 Cl 3÷Cl 7	N2, N3, N4, N5
<b>PEK_U02</b>	K1_ZARZ_U03	C3	Lec1, Lec2, Lec5÷Lec12	N3,N4
<b>PEK_K01 (competence)</b>	K1_ZARZ_K01	C3	Lec1÷Lec12 Cl 1÷Cl 7	N1, N3, N4, N5

\*\* - type of directional symbols / specialization of learning outcomes

\*\*\* - from the table above