

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) | 30 | 15 | | | |
| The total number of hours of student workload (CNPS) | 120 | 60 | | | |
| Form of crediting | Examination | credit with a grade | | | |
| For a group of courses final course mark (X) | | | | | |
| Number of points ECTS | 4 | 2 | | | |
| including the number of points corresponding to the classes of practical (P) | | 2 | | | |
| in the number of ECTS credits corresponding to the classes requiring direct contact (BK) | 1 | 0,5 | | | |

*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.

| Course content | | |
|---------------------------------|--|------------------------|
| Type of course - lecture | | Number of hours |
| 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 | 30 |
|--|-------------|-----------|

| Type of course - classes | | Number of hours |
|---------------------------------|--|------------------------|
| 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 |
| | Total hours | 15 |

| Type of course - laboratory | | Number of hours |
|------------------------------------|--------------------|------------------------|
| La1 | | |
| La2 | | |
| La3 | | |
| | Total hours | |

| Type of course - project | | Number of hours |
|---------------------------------|--------------------|------------------------|
| Pr1 | | |
| Pr2 | | |
| Pr3 | | |
| | Total hours | |

| Type of course - seminar | | Number of hours |
|---------------------------------|--------------------|------------------------|
| Se1 | | |
| Se2 | | |
| Se3 | | |
| | Total hours | |

| TOOLS FOR TEACHING |
|--|
| 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)

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

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