

COURSE DESCRIPTION CARD

| Bialystok University of Technology Faculty of Engineering Management | | | | | | | | | | |
|---|---|----------|-----------|----------|-----------|-----------|----------|--|-----------------------------------|--|
| Field of study | Management | | | | | | | Degree level and programme type | first degree/second degree | |
| Specialisation/ diploma path | - | | | | | | | Study profile | - | |
| Course name | Innovation economics and policy | | | | | | | Course code | IS-FM-00071W | |
| | | | | | | | | Course type | elective | |
| Forms and number of hours of educational activities | L | C | LC | P | SW | FW | S | Semester | winter | |
| | | 30 | | | | | | No. of ECTS credits | 6 | |
| Entry requirements | No entry requirements. | | | | | | | | | |
| Course objectives | <p>Knowledge: getting acquainted students with the basic principles of functioning of market economy. Overview of the main measures of economic activity and presenting the concept and principles of economic policy. Presentation of the principles of operation and the relations that exist between goods, money and labour markets. Explanation of the differences between the major macroeconomic theories: Keynesian and classical. Skills: abilities of analysis of the problems of unemployment, inflation, budget deficit, recession and understanding policies which mitigate those economic problems. Social Competences: substantive discussion on economic policy, teamworking.</p> | | | | | | | | | |
| Course content | <ol style="list-style-type: none"> 1. Determinants of national income (GDP, GNP and DN, the components of aggregate demand, the functioning of the multiplier in the economy). Economic policy supporting GDP development – international comparison. 2. Fiscal policy (budget functions, income and expenditure, the concept of budget deficit and public debt, public finance reform proposals). 3. Monetary policy (the phenomenon of demand and supply of money, the impact of Central Bank on money supply, the role of financial institutions). 4. Labour market policy (the concept of demand and supply of labour, measures of the labour market, the phenomenon of unemployment-types, causes). 5. Inflation (ways of measuring, reasons, the link with the labour market - the Phillips curve). 6. Economic growth and the business cycle (growth measures and the conditions, the phases of the business cycle). | | | | | | | | | |
| Teaching methods | Case study analysis, indicator analysis, discussion | | | | | | | | | |

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| Assessment method | Classes: homework, activity during classes. | | |
| Symbol of learning outcome | Learning outcomes | Reference to the learning outcomes for the field of study | |
| | Knowledge: the graduate knows and understands | - | |
| L01 | major theories of macroeconomics | - | |
| L02 | economic policy instruments | - | |
| | Skills: the graduate is able to | - | |
| L03 | analyse economic conditions of running the business | - | |
| L04 | select the proper policy type during recession/development | - | |
| | Social competence: the graduate is ready to | - | |
| L05 | work in a team | - | |
| Symbol of learning outcome | Methods of assessing the learning outcomes | Type of tuition during which the outcome is assessed | |
| L01 | homework evaluation and student's performance in classes | C | |
| L02 | homework evaluation and student's performance in classes | C | |
| L03 | homework evaluation and student's performance in classes | C | |
| L04 | homework evaluation and student's performance in classes | C | |
| L05 | homework evaluation and student's performance in classes | C | |
| Student workload (in hours) | | No. of hours | |
| Calculation | participation in classes | 30 | |
| | preparation for classes | 60 | |
| | preparation of homework | 55 | |
| | participation in student-teacher sessions related to the class | 5 | |
| | TOTAL: | 150 | |
| Quantitative indicators | | HOURS | No. of ECTS credits |
| Student workload – activities that require direct teacher participation | | 35 | 1,4 |
| Student workload – practical activities | | 120 | 4,8 |
| Basic references | <ol style="list-style-type: none"> 1. J. Sloman, Essentials of economics, Prentice-Hall, Harlow 2007. 2. D. Begg, S. Fischer, R. Dornbusch, Economics, McGraw-Hill 2005. 3. T. Coven, A. Tabarrok, Modern Principles of Macroeconomics, MacMillan, 2014. | | |
| Supplementary references | <ol style="list-style-type: none"> 1. F. S. Mishkin, The economics of money, banking, and financial markets, Pearson Education, Boston 2016. | | |

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| | 2. S. Miklaszewicz, International economics, Warsaw School of Economics, Warsaw 2015. | |
| Organisational unit conducting the course | Department of Management, Economics and Finance | Date of issuing the programme |
| Author of the programme | Ewa Rollnik-Sadowska, Ph.D. | 25.02.2022 |

L – lecture, C – classes, LC – laboratory classes, P – project, SW – specialization workshop, FW - field work, S – seminar