



## Subject card

|   |   |   |                    |                                     |   |            |     |
|---|---|---|--------------------|-------------------------------------|---|------------|-----|
| Subject name and code                       | Labour market analysis, PG_00049092   |   |                    |                                     |   |            |     |
| Field of study                              | Economic Analytics  |   |                    |                                     |   |            |     |
| Date of commencement of studies             | October 2021  | Academic year of realisation of subject   |                    |                                     | 2023/2024   |            |     |
| Education level                             | first-cycle studies   | Subject group   |                    |                                     | Optional subject group<br>Subject group related to scientific research in the field of study  |            |     |
| Mode of study                               | Full-time studies   | Mode of delivery  |                    |                                     | at the university   |            |     |
| Year of study                               | 3   | Language of instruction   |                    |                                     | Polish  |            |     |
| Semester of study                           | 5   | ECTS credits  |                    |                                     | 4.0   |            |     |
| Learning profile                            | general academic profile  | Assessment form   |                    |                                     | exam  |            |     |
| Conducting unit                             | Katedra Statystyki i Ekonometrii -> Faculty of Management and Economics   |   |                    |                                     |   |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor  |   | dr Dagmara Nikulin |                                     |   |            |     |
|   | Teachers  |   | dr Dagmara Nikulin |                                     |   |            |     |
| Lesson types and methods of instruction     | Lesson type   | Lecture   | Tutorial           | Laboratory                          | Project   | Seminar    | SUM |
|   | Number of study hours   | 15.0  | 0.0                | 15.0                                | 0.0   | 0.0        | 30  |
| E-learning hours included: 0.0              |   |   |                    |                                     |   |            |     |
| Learning activity and number of study hours | Learning activity   | Participation in didactic classes included in study plan                                    |                    | Participation in consultation hours |   | Self-study | SUM |
|   | Number of study hours   | 30  |                    | 9.0                                 |   | 61.0       | 100 |
| Subject objectives                          | The processes taking place in European labor markets are described , in particular in terms of determinants influencing the main variables of the labor market.   |   |                    |                                     |   |            |     |
| Learning outcomes                           | Course outcome  | Subject outcome   |                    |                                     | Method of verification  |            |     |
|   | [K6_W09] Knows the ways and tools of acquiring and collecting data, including IT data, used in the analysis and explanation of socio-economic phenomena and processes.  | The student knows the methods of obtaining statistical data on the labor market.            |                    |                                     | [SW1] Assessment of factual knowledge<br>[SW3] Assessment of knowledge contained in written work and projects   |            |     |
|   | [K6_U08] Has the ability to use mathematical and IT tools to analyse economic phenomena and make decisions by economic entities.  | The student makes empirical analyzes of the labor market with the use of computer software. |                    |                                     | [SU1] Assessment of task fulfilment<br>[SU2] Assessment of ability to analyse information<br>[SU3] Assessment of ability to use knowledge gained from the subject<br>[SU4] Assessment of ability to use methods and tools<br>[SU5] Assessment of ability to present the results of task |            |     |
| Subject contents                            | Basic concepts related to the labor market.<br>General characteristics of factors influencing the labor market.<br>The impact of demographic and educational determinants on the labor market.<br>The role of the institutional environment. New forms of employment.<br>Informal employment: definition, methods of measurement, data acquisition.<br>Changes in the labor market in the context of globalization: concepts and methods of measurement.<br>Introduction to econometric analyzes modeling employment rates, unemployment and wages.<br>Databases containing information on labor markets.<br>Modeling of economic processes taking place on the labor market with the use of statistical and econometric tools. |   |                    |                                     |   |            |     |
| Prerequisites and co-requisites             | Basic knowledge in statistics   |   |                    |                                     |   |            |     |

| Assessment methods and criteria                                | Subject passing criteria  | Passing threshold   | Percentage of the final grade |
|--|---|---|-------------------------------|
|  | written test from the laboratory  | 60.0%   | 50.0%                         |
|  | written final exam  | 60.0%   | 50.0%                         |
| Recommended reading  | Basic literature  | <p>Śłocińska, A. (2013). Socio-civilization factors changing the contemporary labor market - interpretative approach. <i>Economic Studies</i>, (161), 153-161.</p> <p>Drela, K. (2017). Demographic changes and the labor market in Poland. <i>Scientific Papers of the University of Economics in Wrocław</i>, (489), 78-89.</p> <p>Kufel, E. (2009). Solving problems with the use of GRETL, ed. 3 rev. Ed. Scientific PWN, Warsaw.</p> |                               |
|  | Supplementary literature  | <p>Kukulak-Dolata, I. (2018). Non-standard forms of employment as one of the dimensions of labor market segmentation. <i>Scientific Papers of the University of Economics in Wrocław</i>, (536), 113-121.</p> <p>Ostoj, I. (2019). The development of the gig economy as a challenge for the sphere of labor market regulation. <i>Legal and Economic Studies</i>, (110), 239-252.</p>  |                               |
|  | eResources addresses  | <p>Adresy na platformie eNauczenie:</p> <p>Analiza rynku pracy - Moodle ID: 32354<br/> <a href="https://enauczenie.pg.edu.pl/moodle/course/view.php?id=32354">https://enauczenie.pg.edu.pl/moodle/course/view.php?id=32354</a></p>  |                               |
| Example issues/<br>example questions/<br>tasks being completed | <p>Conducting an empirical analysis explaining the formation of the unemployment rate / labor demand / average wages in the European Union countries.</p> <p>Exam questions:<br/> Please describe the institutional factors influencing the level of wages.<br/> Please describe the impact of demographic changes on the size of labor supply in the European Union countries.</p> |   |                               |
| Work placement   | Not applicable  |   |                               |