



Subject card

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|---|---|--|-------------------------------------|------------|---|---------|-----|
| Subject name and code | Contemporary demographic challenges, PG_00059445 | | | | | | |
| Field of study | Chemical Technology, Civil Engineering, Chemistry, Technical Physics, Environmental Engineering, Electrical Engineering, Power Engineering, Electronics and Telecommunications, Biotechnology, Geodesy and Cartography, Biomedical Engineering, Electronics and Telecommunications, Chemistry in Construction Engineering, Biomedical Engineering, Biomedical Engineering, Nanotechnology, Spatial Development, Engineering and Technologies of Energy Carriers, Corrosion, Nanotechnology, Automation, Robotics and Control Systems, Green Technologies, Green Technologies, Spatial Development, Power Engineering, Power Engineering | | | | | | |
| Date of commencement of studies | February 2022 | Academic year of realisation of subject | | | 2022/2023 | | |
| Education level | second-cycle studies | Subject group | | | | | |
| Mode of study | Full-time studies | Mode of delivery | | | at the university | | |
| Year of study | 1 | Language of instruction | | | English | | |
| Semester of study | 2 | ECTS credits | | | 2.0 | | |
| Learning profile | general academic profile | Assessment form | | | assessment | | |
| Conducting unit | Katedra Statystyki i Ekonometrii -> Faculty of Management and Economics | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr Marta Kuc-Czarnecka | | | | |
| | Teachers | | dr Marta Kuc-Czarnecka | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 30.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30 |
| | E-learning hours included: 0.0 | | | | | | |
| Contemporary demographic challenges (2022/23) - Moodle ID: 24388 https://enauzanie.pg.edu.pl/moodle/course/view.php?id=24388 | | | | | | | |
| 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 | 2.0 | 18.0 | 50 | | |
| Subject objectives | To acquire students with the essence of demographic processes. To acquaint students with the demographic situation and significant global demographic changes. To familiarise students with the relationships between demographic processes and economic development and the influence of the demographic situation on the economy and society. | | | | | | |
| Learning outcomes | Course outcome | Subject outcome | | | Method of verification | | |
| | [K7_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications | Can identify the main demographical problems and resulting challenges in the global and regional dimensions. | | | [SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects | | |
| | [K7_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems | Formulates their own opinions on the discussed demographic processes. | | | [SU2] Assessment of ability to analyse information | | |
| | [K7_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment | Can correctly define and characterise the changes in demographic and social structures in Poland, Europe, and the world. | | | [SK5] Assessment of ability to solve problems that arise in practice | | |

| Subject contents | Contemporary demographic theories and their historical sources Population distribution in the world Fertility and reproduction Mortality and the theory of epidemiological transition Global demographic changes Migration of the population (the hypothesis of push and pull factors) Urbanization Demographic problems of developing countries Demographic problems of developed countries Climate change and migration Demography and Sustainable Developments Goals Demographic implications of the COVID-19 pandemic | | | | | | | | |
|--|--|---|--|--------------------------|-------------------|-------------------------------|-------|-------|--------|
| Prerequisites and co-requisites | | | | | | | | | |
| Assessment methods and criteria | <table border="1" data-bbox="448 562 1477 627"> <thead> <tr> <th data-bbox="448 562 798 593">Subject passing criteria</th> <th data-bbox="802 562 1141 593">Passing threshold</th> <th data-bbox="1145 562 1477 593">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 600 798 627">Essay</td> <td data-bbox="802 600 1141 627">60.0%</td> <td data-bbox="1145 600 1477 627">100.0%</td> </tr> </tbody> </table> | | | Subject passing criteria | Passing threshold | Percentage of the final grade | Essay | 60.0% | 100.0% |
| Subject passing criteria | Passing threshold | Percentage of the final grade | | | | | | | |
| Essay | 60.0% | 100.0% | | | | | | | |
| Recommended reading | Basic literature | Kurkiewicz J. [red.], Procesy demograficzne i metody ich analizy, Wydawnictwo Uniwersytetu Ekonomicznego w Krakowie, Kraków 2010 Stokowski F., Demografia, PWE, Warszawa 2015 Okólski M. [red.], Demografia: współczesne zjawiska i teorie, Wydawnictwo Naukowe Scholar, Warszawa 2012 Cain L.P., Paterson D.G. - The Children of Eve. Population and Well-being in History. Wiley-Blackwell, 2012 Weil D.N. - Economic Growth. Pearson, 2013 | | | | | | | |
| | Supplementary literature | Rosling, H. Factfulness: Ten Reasons We're Wrong About the World--and Why Things Are Better Than You Think, 2018 up-to-date publications distributed when the subject will be taught | | | | | | | |
| | eResources addresses | Uzupełniające https://enauczanie.pg.edu.pl/moodle/course/view.php?id=24388 - E-learning course at enauczanie platform. | | | | | | | |
| Example issues/ example questions/ tasks being completed | What do you think about China's one-child policy from 1977-to 2015? Do you think the 500+ program will contribute to an increase in the fertility rate in Poland? Challenges and opportunities arising from an ageing society. Urbanization and the climate crisis. | | | | | | | | |
| Work placement | Not applicable | | | | | | | | |