



Subject card

| | | | | | | | |
|---|--|--|--|-------------------------------------|---|------------|-----|
| Subject name and code | Knowledge management, PG_00045362 | | | | | | |
| Field of study | Data Engineering | | | | | | |
| Date of commencement of studies | October 2022 | Academic year of realisation of subject | | | 2023/2024 | | |
| Education level | first-cycle studies | Subject group | | | Obligatory subject group in the field of study 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 | 2 | Language of instruction | | | Polish English | | |
| Semester of study | 3 | ECTS credits | | | 3.0 | | |
| Learning profile | general academic profile | Assessment form | | | assessment | | |
| Conducting unit | Department of Management -> Faculty of Management and Economics | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr Franciszek Kutrzeba | | | | |
| | Teachers | | dr Franciszek Kutrzeba | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 15.0 | 15.0 | 0.0 | 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 | | 3.0 | | 42.0 | 75 |
| Subject objectives | 1. The understanding of the knowledge management process essence for organizations.2. The presentation of the current theoretical knowledge of the field.3. The presentation of key challenges related to knowledge management and best-known practices.4. The open-mind attitude creation towards a wide range of standard and non-standard sources of knowledge with an emphasis on the ability to identify knowledge sources, knowledge transfer and knowledge usage. | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | [K6_U07] can describe and interpret fundamental economic concepts and phenomena. | | The student is able to solve problems faced by contemporary organizations based on internal and external sources of knowledge. | | [SU5] Assessment of ability to present the results of task [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment | | |
| | [K6_W10] has basic knowledge of entities functioning in economy and relations existing between them.n knows general principles of creating and developing individual entrepreneurship using knowledge from the area of science and scientific disciplines relevant to their field of study | | Students are familiar with the current theory of the field.The student is able to identify the internal and the external knowledge sources. The student understands their meaning. | | [SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge | | |
| | [K6_K01] is aware of quickly changing trends and the resulting need for further education and self-improvement in the area of the performed profession of an engineer with IT and economic-financial skills. | | The student understands the knowledge management process essence for organizations. | | [SK5] Assessment of ability to solve problems that arise in practice | | |

| Subject contents | 1. Knowledge 2. Knowledge Management 3. The history of knowledge creation and knowledge transfer 4. Intellectual Capital & Knowledge creation 5. Tacit Knowledge & Innovation 6. Knowledge Workers 7. Knowledge Risks 8. Knowledge & Intelligence 9. Nature of knowledge and cognition 10. Learning Organizations 11. The Knowledge Economy 12. Learning from errors 13. The Unconscious mind 14. Idiots everywhere?!-about mindsets 15. Knowledge Management: summary | | | | | | | | | | | |
|--|---|---|--|--------------------------|-------------------|-------------------------------|-----------|-------|-------|------|-------|-------|
| Prerequisites and co-requisites | Essentials of Management. Essentials of Marketing. Essentials of Economics. | | | | | | | | | | | |
| Assessment methods and criteria | <table border="1" data-bbox="451 436 1487 544"> <thead> <tr> <th data-bbox="451 436 794 472">Subject passing criteria</th> <th data-bbox="794 436 1137 472">Passing threshold</th> <th data-bbox="1137 436 1487 472">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 472 794 508">Exercises</td> <td data-bbox="794 472 1137 508">51.0%</td> <td data-bbox="1137 472 1487 508">50.0%</td> </tr> <tr> <td data-bbox="451 508 794 544">Test</td> <td data-bbox="794 508 1137 544">51.0%</td> <td data-bbox="1137 508 1487 544">50.0%</td> </tr> </tbody> </table> | | | Subject passing criteria | Passing threshold | Percentage of the final grade | Exercises | 51.0% | 50.0% | Test | 51.0% | 50.0% |
| Subject passing criteria | Passing threshold | Percentage of the final grade | | | | | | | | | | |
| Exercises | 51.0% | 50.0% | | | | | | | | | | |
| Test | 51.0% | 50.0% | | | | | | | | | | |
| Recommended reading | Basic literature | <p>Massingham. P. (2016), Knowledge Management, Sage.</p> <p>Nonaka, I., & Takeuchi, H. (1995), The Knowledge-Creating Company, Oxford University Press.</p> <p>Brynjolfsson & McAfee (2014), The Second Machine Age, Work, Progress, and Prosperity in a Time of Brilliant Technologies. Norton & Company.</p> | | | | | | | | | | |
| | Supplementary literature | <p>Erickson, S., & Rothberg, H.N. (2008), From Knowledge to Intelligence, Elsevier.</p> <p>Morabito, J. et al. (2015), Designing Knowledge Organizations, Wiley.</p> <p>Voehl, F, Harrington, H.J. (2015), Change Management. C.R.C. Press.</p> <p>Bedford, D, Kucharska, W. (2020) Relating Information Culture to Information Policies and management Strategies, IGI Global.</p> | | | | | | | | | | |
| | eResources addresses | <p>Podstawowe</p> <p>https://enauczanie.pg.edu.pl/moodle/course/view.php?id=30965 - Course on eNauczanie</p> <p>Adresy na platformie eNauczanie:</p> | | | | | | | | | | |
| Example issues/ example questions/ tasks being completed | <p>Describe the nature and importance of tacit knowledge. Managing knowledge and intensive Artificial Intelligence deployment in knowledge creation and knowledge transfer. Flow and converse of knowledge - how to develop them? Is it possible to measure organizational culture?</p> | | | | | | | | | | | |
| Work placement | Not applicable | | | | | | | | | | | |