



Subject card

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|---|--|--|---|-------------------------------------|---|------------|-----|
| Subject name and code | Evaluation of Investment Projects, PG_00067951 | | | | | | |
| Field of study | Economics | | | | | | |
| Date of commencement of studies | October 2025 | | Academic year of realisation of subject | | 2027/2028 | | |
| Education level | first-cycle studies | | Subject group | | Optional subject group 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 | Department Of Finance -> Faculty Of Management And Economics -> Wydziały Politechniki Gdańskiej | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | | | | | |
| | Teachers | | | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 15.0 | 30.0 | 0.0 | 0.0 | 0.0 | 45 |
| | 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 | 45 | | 5.0 | | 50.0 | 100 |
| Subject objectives | Acquainting students with the issue of efficiency of investment projects | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | [K6_U04] develops logical solutions to complex or unstructured problems, even under conditions of uncertainty. | | is able to effectively evaluate investments, even under conditions of uncertainty | | [SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment | | |
| | [K6_W07] knows and understands advanced methods for analyzing economic, financial, and social phenomena, taking into account legal and ethical issues. | | knows reliable information sources for analyzing resource efficiency and evaluating investments, considering analytical methods and legal and ethical aspects | | [SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge | | |

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|--|--|-------------------------------|--|--------------------------|--|-------------------------------|--------------------------|---|-------|----------------------|----------------------------------|-------|
| Subject contents | Lectures: Concept, characteristics and types of investments Sources of investment financing Static investment appraisal techniques Dynamic investment appraisal techniques Taking reinvestments into account in investment appraisal techniques Taking inflation into account in investment appraisal techniques Risk analysis for investment projects Comparing the efficiency of investment projects Seminars: Net cash flows estimation Capital cost estimation Use of static investment appraisal techniques Calculating net present value on the basis of investment projects Calculating profitability index and discount payback period for investment projects Calculating internal rate of return on the basis of investment projects Calculating modified net present value and modified internal rate of return for investment projects Sensitivity analysis in investment project evaluation Scenario analysis in investment project evaluation Probabilistic and statistical methods in investment project evaluation Comparing the efficiency of investment projects | | | | | | | | | | | |
| Prerequisites and co-requisites | | | | | | | | | | | | |
| Assessment methods and criteria | <table><tr><td>Subject passing criteria</td><td>Passing threshold</td><td>Percentage of the final grade</td></tr><tr><td>project</td><td>60.0%</td><td>70.0%</td></tr><tr><td>written exam</td><td>60.0%</td><td>30.0%</td></tr></table> | | | Subject passing criteria | Passing threshold | Percentage of the final grade | project | 60.0% | 70.0% | written exam | 60.0% | 30.0% |
| Subject passing criteria | Passing threshold | Percentage of the final grade | | | | | | | | | | |
| project | 60.0% | 70.0% | | | | | | | | | | |
| written exam | 60.0% | 30.0% | | | | | | | | | | |
| Recommended reading | <table><tr><td>Basic literature</td><td colspan="2">Bławat, F., Drajka, E., Figura, P., Gawrycka, M., Korol, T., Prusak B., (2020). Analiza finansowa przedsiębiorstwa. Finansowanie, inwestycje, wartość, syntetyczna ocena kondycji finansowej. Warszawa: CeDeWu. Jakubczyk J., (2008). Metody oceny projektu gospodarczego. Warszawa: PWN. Ostrowska E., (2002). Ryzyko projektów inwestycyjnych. Warszawa: PWE. Rogowski W., (2004). Rachunek efektywności przedsięwzięć inwestycyjnych. Kraków: Oficyna Ekonomiczna. Skowronek Mielczarek A., Leszczyński Z., (2008). Analiza działalności i rozwoju przedsiębiorstwa. Warszawa: PWE.</td></tr><tr><td>Supplementary literature</td><td colspan="2">Dębski W., (2005). Teoretyczne i praktyczne aspekty zarządzania finansami przedsiębiorstwa. Warszawa: PWN. Golawska-Witkowska G., Rzęczycka A., Zalewski H., (2006). Zarządzanie finansami przedsiębiorstwa. Bydgoszcz: Oficyna Wydawnicza Branta. Rutkowski A., (2016). Zarządzanie finansami. Warszawa: PWE. Sierpińska, M., Jachna, T., (2016). Ocena przedsiębiorstwa według standardów światowych. Warszawa: PWN.</td></tr><tr><td>eResources addresses</td><td colspan="2">Adresy na platformie eNauczanie:</td></tr></table> | | | Basic literature | Bławat, F., Drajka, E., Figura, P., Gawrycka, M., Korol, T., Prusak B., (2020). Analiza finansowa przedsiębiorstwa. Finansowanie, inwestycje, wartość, syntetyczna ocena kondycji finansowej. Warszawa: CeDeWu. Jakubczyk J., (2008). Metody oceny projektu gospodarczego. Warszawa: PWN. Ostrowska E., (2002). Ryzyko projektów inwestycyjnych. Warszawa: PWE. Rogowski W., (2004). Rachunek efektywności przedsięwzięć inwestycyjnych. Kraków: Oficyna Ekonomiczna. Skowronek Mielczarek A., Leszczyński Z., (2008). Analiza działalności i rozwoju przedsiębiorstwa. Warszawa: PWE. | | Supplementary literature | Dębski W., (2005). Teoretyczne i praktyczne aspekty zarządzania finansami przedsiębiorstwa. Warszawa: PWN. Golawska-Witkowska G., Rzęczycka A., Zalewski H., (2006). Zarządzanie finansami przedsiębiorstwa. Bydgoszcz: Oficyna Wydawnicza Branta. Rutkowski A., (2016). Zarządzanie finansami. Warszawa: PWE. Sierpińska, M., Jachna, T., (2016). Ocena przedsiębiorstwa według standardów światowych. Warszawa: PWN. | | eResources addresses | Adresy na platformie eNauczanie: | |
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| eResources addresses | Adresy na platformie eNauczanie: | | | | | | | | | | | |
| Example issues/ example questions/ tasks being completed | Estimate net cash flows for investment project Estimate capital cost for investment project Calculate net present value on the basis of investment project Conduct sensitivity analysis for investment project Compare efficiency of investment projects | | | | | | | | | | | |
| Work placement | Not applicable | | | | | | | | | | | |

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