

Subject card

Subject name and code	Investment Projects, PG_00178651						
Field of study	Finance and Accounting						
Date of commencement of studies	October 2025		Academic year of realisation of subject			2027/2028	
Education level	Bachelor's studies		Subject group			Obligatory subject group in the field of study 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			English	
Semester of study	6		ECTS credits			5.0	
Learning profile	academic		Assessment form			credit	
Conducting unit	Department of Investment and Real Estate -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Anna Wojewnik-Filipkowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	30.0	15.0	0.0	0.0	60
	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	60		4.0		61.0	125
Subject objectives	The objective of the course is to provide students with comprehensive knowledge of the analysis, evaluation, and financing of investment projects, including their planning stages, financial appraisal, and valuation modeling. Students will develop the skills to apply financial analysis tools, assess investment profitability, and perform project valuation.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FiRL3_U10] The student can convey information clearly and effectively, presenting their opinions using finance and accounting terminology across various media.	The student formulates and presents structured financial arguments using proper terminology related to project evaluation, cash flows, and investment decision criteria.	[SU4] test/exam - oral or written [SU5] implementation of a problem task
	[FiRL3_W05] To an advanced degree, the student knows and understands the tools and techniques for obtaining, compiling, and analyzing the data necessary to assess the financial situation of various entities in management, quality sciences, economics, and finance.	The student identifies, describe, select, calculate and interprets tools of financial mathematics and capital budgeting to assess the feasibility and financial viability of different investment projects.	[SW4] test/exam - oral or written [SW5] implementation of a problem task
	[FiRL3_W09] The student with an advanced degree knows and understands the general principles of creating and developing various forms of entrepreneurship using knowledge from management, quality sciences, economics and finance.	The student explains the role and identify the problems of investment planning and project evaluation in supporting entrepreneurship and long-term business growth strategies.	[SW4] test/exam - oral or written [SW5] implementation of a problem task
	[FiRL3_U11] The student can engage and collaborate in teams, assuming different roles.	The student collaborates effectively in a group to develop, evaluate, and present an investment project concept and its financial justification.	[SU4] test/exam - oral or written [SU5] implementation of a problem task
Subject contents	1. Fundamentals of investment decision-making and capital project planning in business finance 2. Key steps and frameworks for investment project analysis, including classification and strategic alignment of capital projects 3. Feasibility studies: structure, assumptions, and integration of real-world operational, technical, and financial factors 4. Financing methods for investment undertakings, including debt vs. equity trade-offs and capital structure optimization 5. Estimating cost of capital and selecting appropriate discount rates for project valuation under different risk scenarios 6. Forecasting financial performance: projecting net income and cash flows as a basis for investment evaluation 7. Application of discounted cash flow techniques, including NPV and IRR, in investment project appraisal 8. Evaluation under constraints: comparing mutually exclusive projects, sequencing, and capital rationing 9. Financial modeling for investment assessment, integrating quantitative techniques with real financial data 10. Use of financial statement analysis to assess investment risk 11. Investments in Private Capital: Equity & Debt 12. Real Estate & Infrastructure		
Prerequisites and co-requisites	The student is familiar with concepts of mathematics for economies, financial mathematics and corporate finance and financial statements. Students should have practical ability to use IT tools in management.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Project/problem solving 1	51.0%	25.0%
	Project/problem solving 2	51.0%	25.0%
	Exam	51.0%	50.0%
Recommended reading	Basic literature	Barringer B.R., 2009, Preparing effective business plans: an entrepreneurial approach, Pearson Prentice Hall Brigham E.F., Ehrhardt M.C., 2008, Financial Management: Theory & Practice, Cengage Learnings Behrens W., Hawranek P.M., 1991, Manual for the preparation of industrial feasibility studies, UNIDO	
	Supplementary literature	Damodaran, A., 2010, The dark side of valuation, Pearson Education Damodaran, A., 2011, Applied corporate finance, John Wiley & Sons Francis, A., 1996, Business mathematics and statistics, DP Publications Millington, A.F., 2009, Property development, WS Bookwell Ltd Yescombe, E.R., 2002, Principles of project finance, Academic Press	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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