

Subject card

Subject name and code	Economics, Society & Economic Policy , PG_00178636						
Field of study	Economics, Society & Economic Policy						
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	5		ECTS credits		5.0		
Learning profile	academic		Assessment form		exam		
Conducting unit	Department of Corporate Finance -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Juliusz Giżyński				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	45.0	15.0	0.0	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	<p>The course is intended to:</p> <p>- depict empirical interconnections between various sectors of economy and society in searching for an evaluation of the hypothesis formulated;</p> <p>- familiarize students with the essence of economic policy in the context of fiscal policy (conducted by entities at various levels of public authority), monetary policy and stimulation of economic growth.</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FiRL3_U01] The student can analyze and interpret socio-economic processes and phenomena—from the finance and accounting perspective—using knowledge and tools from management, quality sciences, economics, and finance.	The student characterizes trends and patterns in economic and social data from the perspective of finance and accounting to explain their broader implications.	[SU2] prezentacja/projekt/referat/raport [SU4] test/egzamin - ustny lub pisemny
	[FiRL3_W03] The student knows and understands, to an advanced degree - from the perspective of finance and accounting - the internal and external relations of institutions and organizations with particular emphasis on financial security systems.	The student interprets economic policies in light of organizational dynamics, focusing on how internal structures and external partnerships influence financial performance and risk.	[SW4] test/egzamin - ustny lub pisemny
	[FiRL3_W04] The student has advanced knowledge and understanding of the role and place of man in financial structures and his behaviour in organisations, both at the individual, group, and institutional levels.	The student explains how understanding human behavior contributes to the design and implementation of effective economic and financial policies.	[SW4] test/egzamin - ustny lub pisemny [SW2] prezentacja/projekt/referat/raport
	[FiRL3_W01] The student has advanced knowledge and understanding of the nature and evolution of management, quality, economics, and finance theories and their place in the social sciences system, particularly from the perspectives of finance and accounting.	The student identifies and explains the relationships between economic policy, social structures, and financial systems in both historical and contemporary contexts.	[SW4] test/egzamin - ustny lub pisemny
	[FiRL3_U06] The student can use and integrate knowledge from management and quality sciences, as well as economics and finance, to resolve dilemmas and solve complex problems that arise in professional work in finance and accounting.	The student translates theoretical concepts into practical approaches to address issues in economic policy, institutional finance, and social development.	[SU2] prezentacja/projekt/referat/raport
Subject contents	<ol style="list-style-type: none"> 1. Research field of economic sociology and the history of the discipline. 2. Rationality of economic activities from the sociological perspective. 3. Tax state, debt state and consolidation state (according to Streeck). 4. Privatized Keynesianism (Colin Crouch) and the financial crisis. 5. Modern tendencies on the labor market. 6. Gig economy, crowdwork vs work on-demand via apps. 7. Sociological perspective on ownership. 8. Anthropology of social relations: reciprocity, feudality and baseline communism. 9. Money and its role in cooperation, coordination and collaboration. 10. From debt to slavery - debt collecting practices from ancient times to nowadays. 11. Pedagogy of debt and the rate of return to investment in education. 12. Debt and/or poverty - sexually transmitted debt and migrant networks. 13. Financial literacy - from individual exit strategies to radical social movements. 14. Social movements - from economic radicalism to interactions with institutionalized politics and back. 15. Debt, learning and migration in the time of crisis. 16. Definition and formulation of the economic policy purposes. 17. Macroeconomic and microeconomic perspective of economic policy. 18. Fiscal policy, monetary policy and economic policy in open economy. 19. Labour policy and social policy and their interactions with economic goals. 20. Sectoral policies in the field of economic growth. 21. The role of supranational organizations in the field of economic policy in the country. 		
Prerequisites and co-requisites	None		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Group project	51.0%	40.0%
	Written test	51.0%	60.0%

Recommended reading	Basic literature	<ol style="list-style-type: none"> 1. Global economic crisis: impacts, transmission and recovery / ed. by M. Obstfeld, D. Cho, A. Mason, E. Elgar (2012). 2. Kowzan, P. (2020). Debt, learning and migration in the time of crisis, European Journal for Research on the Education and Learning of Adults, 1-14. 3. Piech K. (2015). Political economy: an introduction to the theory of economic policy, SGH 2015. 4. The role of economic policy and institutions / ed. by M.A. Weresa, SGH, 2016. 5. Williams, J. (2006). The pedagogy of debt. College Literature, 33(4), 155-169.
	Supplementary literature	<ol style="list-style-type: none"> 1. Crouch C. (2011). The Strange Non-Death of Neoliberalism, Polity Press, Malden. 2. Economic policy: theory and practice. A. Bénassy-Quéré [et al.], Oxford University Press, 2010. 3. Graeber, D. (2011). Debt: The first 5,000 Years. New York: Melville House. (an extract). 4. Mika B. (2022). Digital "putting-out system" - an old new method of work in platform economy. Polish Sociological Review. 5. Streeck W. (2017). Buying Time: The Delayed Crisis of Democratic Capitalism, Verso, London and New York.
	eResources addresses	
Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"> 1. Describe fiscal policy instruments used in the time of the crisis. 2. Identify modern tendencies on the labor market. 	
Work placement	Not applicable	

Document generated electronically. Does not require a seal or signature.

Subject card

Subject name and code	Fundamental & Technical Analysis, PG_00178641						
Field of study	Fundamental & Technical Analysis						
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	5		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 Krzysztof Kowalke				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	30.0	0.0	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 aim of the course is to provide students with knowledge of both fundamental and technical analysis of financial instruments, and to prepare them for making investment decisions and managing investments on the stock market based on these analytical tools.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FiRL3_U02] The student can identify, analyze or design adequate solutions to problems in finance and accounting.	The student analyzes financial instruments on the capital market using tools of technical and fundamental analysis to support investment decision-making.	[SU2] prezentacja/projekt/referat/ raport [SU5] realizacja zadania problemowego
	[FiRL3_U03] The student can obtain data and verify its accuracy from appropriately selected sources and use these data to analyse and evaluate economic processes and phenomena in management and quality sciences, economics and finance.	The student acquires financial and non-financial data from databases related to companies listed on public stock exchanges, assesses their reliability, and applies them in performing fundamental and technical analysis.	[SU2] prezentacja/projekt/referat/ raport [SU5] realizacja zadania problemowego
	[FiRL3_W02] The student has advanced knowledge and understanding of the functioning of the domestic and international financial market and financial instruments and institutions.	The student demonstrates advanced recognition of the principles and tools of technical and fundamental analysis and applies them in the analysis of financial instruments.	[SW4] test/egzamin - ustny lub pisemny [SW2] prezentacja/projekt/referat/ raport [SW5] realizacja zadania problemowego
	[FiRL3_U04] The student is able—from the perspective of finance and accounting—to correctly select and properly apply methods and tools from the fields of management and quality sciences, economics, and finance to analyse and forecast economic processes and evaluate economic phenomena.	The student selects and applies appropriate methods and tools of technical and fundamental analysis to manage an investment portfolio and to predict stock price movements on the capital market.	[SU2] prezentacja/projekt/referat/ raport [SU5] realizacja zadania problemowego
Subject contents	1. Factors affecting the value of financial instruments 2. Introduction to fundamental analysis procedures 3. Macroeconomic analysis 4. Sector analysis 5. Situation analysis 6. Introduction to valuation process 7. Introduction to technical analysis principles 8. Types of charts and trends 9. Marking trend, support and resistance lines 10. Technical formations 11. Trend changing signals 12. Indicators related to technical analysis 13. Fibonacci numbers and Elliot Waves Theory using		
Prerequisites and co-requisites	The student is expected to have a basic understanding of the functioning of the financial market.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Written test as a form of assessment for the lecture	51.0%	40.0%
	Semester project and presentation	51.0%	30.0%
	Written test as a form of assessment for the tutorials	51.0%	30.0%
Recommended reading	Basic literature	1. Economics, CFA Program Curriculum, Level I, Volume 2, 2019 2. Corporate finance and portfolio management, CFA Program Curriculum, Level I, Volume 4, 2019 3. Equity and fixed income, CFA Program Curriculum, Level I, Volume 5, 2019 4. Pring M.J.: Technical Analysis Explained: The Successful Investor's Guide to Spotting Investment Trends and Turning Points, McGraw-Hill, 2002.	
	Supplementary literature	1. Graham B., Zweig J., Buffett W.E., The Intelligent Investor: The Definitive Book on Value Investing. A Book of Practical Counsel, HarperCollins Publishers Inc, 2003 2. Reilly F. K., Brown K. C., Analysis of Investments and Management ofPortfolios, Cengage Learning, 2015 3. Murphy J.J., Technical Analysis of the Financial Markets: A Comprehensive Guide to Trading Methods and Applications, New York Institute of Finance S., 1998. 4. Nison S.. Japanese Candlestick Charting Techniques, Prentice Hall, 2011.	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.

Subject card

Subject name and code	Portfolio Analysis, PG_00178642						
Field of study	Portfolio Analysis						
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	5		ECTS credits			5.0	
Learning profile	academic		Assessment form			exam	
Conducting unit	Department of Econometrics -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Anna Zamojska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	30.0	0.0	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	Students learn how to apply the structure of returns to construct financial assets portfolios and how to use the efficiency ratios to evaluate the portfolio performance.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FiRL3_U04] The student is able—from the perspective of finance and accounting—to correctly select and properly apply methods and tools from the fields of management and quality sciences, economics, and finance to analyse and forecast economic processes and evaluate economic phenomena.	The student assesses the level of risk and return of financial instruments and correlations between assets. Constructs an investment portfolio by selecting an appropriate method of risk diversification.	[SU2] prezentacja/projekt/referat/ raport [SU6] demonstracja umiejętności praktycznych
	[FiRL3_U03] The student can obtain data and verify its accuracy from appropriately selected sources and use these data to analyse and evaluate economic processes and phenomena in management and quality sciences, economics and finance.	The student extracts financial data from databases, recognises its validity and uses the data to build investment portfolios and estimate asset pricing models.	[SU2] prezentacja/projekt/referat/ raport [SU6] demonstracja umiejętności praktycznych
	[FiRL3_W02] The student has advanced knowledge and understanding of the functioning of the domestic and international financial market and financial instruments and institutions.	The student uses advanced mathematical and statistical tools appropriate for economics and finance.	[SW4] test/egzamin - ustny lub pisemny [SW5] realizacja zadania problemowego
	[FiRL3_U02] The student can identify, analyze or design adequate solutions to problems in finance and accounting.	The student can determine priorities for solving financial investment portfolio problems, can work systematically and independently to solve portfolio optimisation tasks	[SU4] test/egzamin - ustny lub pisemny [SU6] demonstracja umiejętności praktycznych
Subject contents	1. Analysis and illustration of stylized facts of the asset rates of return 2. Markowitz Mean-Variance Portfolio Theory 3. Efficient portfolio diversification 4. Allocation into risky assets 5. Efficient Market Hypothesis and Benchmark theory 6. CAPM model and portfolio with CAPM model results 7. Portfolio performance evaluation		
Prerequisites and co-requisites	Students should be familiar with descriptive and inferential statistics, the basics of econometrics, and how the capital market works along with the specifics of financial instruments.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Project developed in class and at home with a presentation	51.0%	50.0%
	Written test	51.0%	50.0%
Recommended reading	Basic literature	1. Bacon, C.R., <i>Practical Portfolio Performance Measurement and Attribution</i> , 3rd Edition, John Wiley & Sons, 2023. 2. Bodie Z., Kane A., Marcus A., <i>Essentials of Investments</i> , McGraw-Hill, 12 th Edition.	
	Supplementary literature	1. Elton, E. J, Gruber, M. J., Brown, S. J, and W. N. Goetzmann, 2010, <i>Modern Portfolio Theory and Investment Analysis</i> , John Wiley and Sons, 8th edition, 2010.	
	eResources addresses	Basic https://en.bg.ug.edu.pl - UG Library resources https://mdl.ug.edu.pl - UG Moodle Platform	
Example issues/ example questions/ tasks being completed	-		
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.

Subject card

Subject name and code	Diploma Seminar 1, PG_00178644						
Field of study	Diploma Seminar 1						
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	5		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Department of Corporate Finance -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Ewa Majerowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	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		4.0		16.0	50
Subject objectives	Gaining knowledge and the ability to search for research, collect literature, and write a valuable bachelor thesis.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FiRL3_U02] The student can identify, analyze or design adequate solutions to problems in finance and accounting.	The student can identify and interpret problems in specific areas of enterprise activity and propose actions to improve the situation.	[SU1] wypowiedź ustna/rozmowa/ dyskusja [SU3] opracowanie tekstowe/ praca pisemna
	[FiRL3_U01] The student can analyze and interpret socio-economic processes and phenomena—from the finance and accounting perspective—using knowledge and tools from management, quality sciences, economics, and finance.	The student can analyse the company's situation in the context of the sector and is able to assess the external conditions influencing the company's situation, using appropriate tools.	[SU1] wypowiedź ustna/rozmowa/ dyskusja
	[FiRL3_U10] The student can convey information clearly and effectively, presenting their opinions using finance and accounting terminology across various media.	The student can define and interpret basic concepts in the field of finance and accounting related to the selected thesis topic.	[SU1] wypowiedź ustna/rozmowa/ dyskusja
	[FiRL3_U07] The student can prepare written papers, presentations, and oral presentations on finance and accounting issues.	The student can prepare the theoretical part of a diploma thesis based on the subject literature.	[SU3] opracowanie tekstowe/ praca pisemna
	[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 knows the applications, advantages and disadvantages of economic analysis methods, such as preliminary and ratio analysis, comparative and descriptive analysis to assess the financial situation of various enterprises.	[SW1] wypowiedź ustna/rozmowa/ dyskusja [SW3] opracowanie tekstowe/ praca pisemna
	[FiRL3_K01] The student is prepared to acquire the knowledge necessary to tackle cognitive and practical problems, particularly in finance and accounting. Additionally, the students are ready to assess their current knowledge and the information they receive critically and consult with experts if they have difficulties solving the problem independently.	The student demonstrates an open attitude towards deepening knowledge in the field of corporate finance and controlling.	[SK1] wypowiedź ustna/rozmowa/ dyskusja

Subject contents	<p>The content of the program depends on the interests of the seminar group and covers a wide range of issues related to corporate finance and financial analysis, as well as the methodology of writing a diploma thesis, and the spectrum of the most commonly used research methods in economics.</p> <p>Julia Koralun-Bereżnicka</p> <p>The bachelors seminar covers issues related to the broadly understood field of corporate finance, with particular focus on financial management, financial statement analysis, and the assessment of the financial condition of firms. Students utilise selected analytical tools, such as ratio analysis, discriminant models, or linear hierarchization, to address research problems concerning enterprises in areas such as financing, asset, economic and financial performance. The seminar also includes market analysis in the context of, for example, credit offerings for small and medium-sized enterprises (SMEs) and the examination of relationships between financial condition or its selected areas and the effect of external factors, such as political changes or economic events, as well as internal factors related to changes within the analysed entity. Additionally, students have the opportunity to analyse the development of the capital market in Poland, which facilitates an understanding of market mechanisms and their impact on business operations. The goal of the bachelors theses is the practical application of financial analysis methods based on selected enterprises, industries, or sectors.</p> <p>Krzysztof Krzywdziński</p> <p>The program content depends on the interests of the seminar group and includes, among others, the methodology of writing a seminar paper and the spectrum of the most commonly used research methods in economics. The seminar topics generally include the following issues:</p> <ul style="list-style-type: none"> - financial analysis of business entities (of various legal forms and sizes) and local government units (municipalities, counties and provinces); - sources of financing business activity; - analysis of the profitability of products, services and customers; - analysis of the profitability of products, services and customers; - creation of operational and financial budgets of business entities, analysis of deviations from budgets and identification of their causes; - corporate governance, including ownership supervision over State Treasury. <p>Olga Martyniuk</p> <p>The aim of the seminar is to prepare students to independently develop a diploma thesis on selected issues in the field of finance, accounting and auditing in various types of organizations. The topics include practical aspects of financial management in small enterprises, financial reporting, controlling, internal audit, ESG reporting and family entrepreneurship.</p> <p>Ewa Majerowska</p> <p>The seminar will cover a broad analysis of financial markets currently operating, in particular, capital markets. The issues discussed include the characteristics of basic institutions operating on the capital market, their functions and tasks, as well as the characteristics of financial instruments used in this market. Methods of empirical analysis of rates of return on securities listed on the stock exchange will be presented.</p> <p>The second group of issues is related to the company's activity, including the capital structure of the company, assessment of its operations, and forecasting of future results. The assessment will be based on the company's results and appropriate methods.</p> <p>The next group of issues includes the analysis of selected macroeconomic processes and elements, such as</p>
------------------	---

	<p>oil prices, gold prices, or crime problems, and the risks associated with them.</p> <p>Anna Siemionek-Lepczyńska</p> <p>This undergraduate seminar is designed to introduce students to the key challenges and innovations currently shaping the financial sector. The main goal is to develop students analytical thinking, research skills, and the ability to work with academic and industry sources in preparation for writing a bachelors thesis.</p> <p>During the seminar, students will explore selected topics such as controlling, corporate finance management, financial technologies (e.g., blockchain and artificial intelligence), ethical dilemmas in financial decision-making, sustainable investing, and the impacts of financial crises. The seminar includes regular discussions, literature reviews, and step-by-step guidance in developing and structuring a final thesis project.</p> <p>Dawid Szramowski</p> <p>The bachelor's seminar covers a broad range of topics related to the analysis of the financial condition of enterprises and the factors influencing their financial situation. The thematic scope includes both large enterprises and entities from the small and medium-sized enterprises (SMEs) sector.</p> <p>Students participating in the seminar will have the opportunity to write bachelor's theses on issues related to financial analysis, evaluation of business performance, the use of controlling tools, and ESG reporting.</p> <p>The seminar allows for the development of both analytical and research-oriented theses, such as financial data analysis, international comparisons, or assessments of the effectiveness of financial management strategies in various types of organizations. Particular emphasis is placed on the practical aspects of business operations in a dynamic economic environment.</p>		
Prerequisites and co-requisites	none		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Collection of literature	51.0%	25.0%
	Preparation of the concept, goal and plan	51.0%	25.0%
	Preparation of the theoretical part of the thesis	51.0%	50.0%
Recommended reading	Basic literature	E. Babbie, The basics of Social Research, Wadsworth publishing, 2005	
	Supplementary literature	Y.N. Biu, How to Write a Master's Thesis, SAGE Publications, 2019	
	eResources addresses	Basic https://www.researchgate.net/publication/331554791_Guidelines_for_Writing_Bachelor_or_Master_Thesis - (PDF) Guidelines for Writing Bachelor or Master Thesis Supplementary https://wu.civitas.edu.pl/download/przydatne_informacje/prace_dyplomowe/AcademicBooklet_HowtowriteyourBAMAThesis.pdf - Useful information on how to write a thesis	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.

Subject card

Subject name and code	Internship, PG_00178645						
Field of study	Internship						
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		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		English		
Semester of study	5		ECTS credits		8.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Department of Banking and Finance -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Patryk Kaczmarek				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	200.0	0.0	0.0	0.0	200
	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	200		0.0		0.0	200
Subject objectives	<p>The aim of the student internship is for students to gain professional experience in line with their field of study. Students are required to complete a mandatory professional internship, a report on which is submitted in accordance with the schedule set out in the Faculty of Management internship regulations.</p> <p>Internships in this scope may be carried out in particular in business entities, public institutions, scientific and research institutions, educational institutions, cultural institutions, or as part of activities organised by universities to achieve the objectives of the internship. All additional information related to the regulation of student internships at the Faculty of Management is described in the Internship Regulations available on the website of the Faculty of Management at the University of Gdańsk.</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FiRL3_U11] The student can engage and collaborate in teams, assuming different roles.	The student effectively cooperates in task forces operating in the host institution, taking on various roles, including supporting and initiating roles.	[SU7] wpisy i opinia w dzienniczku praktyk
	[FiRL3_W03] The student knows and understands, to an advanced degree - from the perspective of finance and accounting - the internal and external relations of institutions and organizations with particular emphasis on financial security systems.	The student has advanced knowledge and understanding of internal and external relations functioning in financial and accounting institutions where the internship is carried out, with particular emphasis on organisational governance principles and financial security systems.	[SW2] prezentacja/projekt/referat/raport
	[FiRL3_K03] The student is prepared to think and act entrepreneurially and responsibly, initiating and participating in projects that benefit society and the public interest in finance and accounting.	The student demonstrates readiness to act responsibly and entrepreneurially in a professional environment, taking into account the social and public aspects of financial decisions.	[SK7] wpisy i opinia w dzienniczku praktyk

Subject contents	<p>As part of their internship, students should have the opportunity to:</p> <ol style="list-style-type: none"> familiarise themselves with the company's business, the formal and legal basis for its operations, as well as its organisational structure and documentation of typical business events (external and internal circulation of information and documents); familiarise themselves with elements of the financial and accounting management system, including: management of selected fixed and current assets of the entity, long- and short-term financial planning, budgeting and management of development (investment) projects; familiarisation with the practical aspects of constructing, creating and preparing financial statements, as well as familiarisation with the principles of conducting economic analyses and preparing financial reports and generating reports and analyses for management accounting purposes; familiarisation with the practical aspects of using financial reporting and accounting documentation for the purposes of assessing the financial condition of business entities, determining the structure of financing sources and their costs, valuing selected components of business entities' assets, as well as preparing and analysing rankings and ratings, and implementing and evaluating investment projects. developing practical skills in the basic principles of accounting, bookkeeping and preparing financial statements, as well as recognising items in financial statements and understanding the role of accounting in the management of an economic entity. <p>As part of the internship, organisations should enable students to:</p> <ol style="list-style-type: none"> apply theoretical knowledge in the field of finance and accounting in practice, while developing analytical, social, personal, business and technical skills. be integrated into the functioning of the selected organisation at various levels, such as the accounting department, finance department, controlling, internal audit, financial data analysis and budgeting. become familiar with the specifics of the financial market and accounting, enabling the practical application of knowledge in the real world of business entities and financial institutions. shaping professional skills and competences through active participation in activities related to the preparation of financial statements, cost analysis, liquidity management and financial planning. familiarisation with methods of documenting financial processes and methods of assessing the effectiveness of a company's operations, including reporting, ratio analysis and budgeting. familiarising students with IT systems used in finance and accounting, such as accounting programmes, data analysis tools, ERP systems and other specialised software, as well as enabling them to use these systems in practice. <p>Students are required to read the internship regulations, which can be found on the website of the Faculty of Management at the University of Gdańsk.</p>		
Prerequisites and co-requisites	Students are required to read the internship regulations, which can be found on the website of the Faculty of Management at the University of Gdańsk.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Assessment of the application and completeness of documents submitted by the student in the electronic system by the internship supervisor.	51.0%	100.0%
Recommended reading	Basic literature	not applicable	

	Supplementary literature	not applicable
	eResources addresses	
Example issues/ example questions/ tasks being completed	-	
Work placement	Not applicable	

Document generated electronically. Does not require a seal or signature.

Subject card

Subject name and code	Derivatives and Alternative Investments, PG_00178646						
Field of study	Derivatives and Alternative Investments						
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	5		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 Michał Komorowski				
	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 aim of the course is to familiarize students with the theoretical and practical issues of Derivatives and Alternative Investments.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FiRL3_U04] The student is able—from the perspective of finance and accounting—to correctly select and properly apply methods and tools from the fields of management and quality sciences, economics, and finance to analyse and forecast economic processes and evaluate economic phenomena.	The student is able to select and apply appropriate analytical tools and forecasting methods - derived from finance, economics, and management sciences—to evaluate the behavior of derivatives and alternative investments. This includes modeling financial risk, assessing performance, and projecting the impact of market developments on investment strategies.	[SU4] test/egzamin - ustny lub pisemny [SU5] realizacja zadania problemowego
	[FiRL3_U03] The student can obtain data and verify its accuracy from appropriately selected sources and use these data to analyse and evaluate economic processes and phenomena in management and quality sciences, economics and finance.	The student is able to identify and critically assess financial and non-financial data from reliable sources to evaluate the use and performance of derivative instruments and alternative investments. The student can interpret and present this information to analyze market behavior, assess portfolio performance, and support decision-making in financial and managerial contexts.	[SU4] test/egzamin - ustny lub pisemny [SU5] realizacja zadania problemowego
	[FiRL3_W02] The student has advanced knowledge and understanding of the functioning of the domestic and international financial market and financial instruments and institutions.	The student demonstrates advanced knowledge of the structure and operation of domestic and international financial markets, with particular emphasis on derivative instruments and alternative investment vehicles. The student understands the roles of financial institutions and market participants in the creation, valuation, and regulation of these instruments.	[SW4] test/egzamin - ustny lub pisemny
	[FiRL3_U02] The student can identify, analyze or design adequate solutions to problems in finance and accounting.	The student is able to design and propose appropriate, including innovative, investment and risk management solutions using derivative instruments and alternative investment strategies. The student can address complex financial problems by selecting and applying tailored instruments that enhance portfolio performance, mitigate risk, or exploit market inefficiencies.	[SU4] test/egzamin - ustny lub pisemny [SU5] realizacja zadania problemowego
Subject contents	1. Introduction to estimation of investing conditions 2. Adjusting investment instruments to investors expectations 3. Types of alternative investments 4. Principles of alternative investment market movement 5. Derivatives market instruments 6. Rules of entering into transaction 7. Usage of alternative investments and derivatives		
Prerequisites and co-requisites	Students should know the basic principles of investment management, including methods of assessing the profitability of investments divided into static and dynamic, understand the principle of the variability of the value of money over time. They should have elementary knowledge of business fundamentals and practical skills in using IT tools in management.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Exam	51.0%	40.0%
	Tutorial final test	51.0%	25.0%
	Tutorial mid term test	51.0%	25.0%
	Tutorial & laboratory participation	90.0%	10.0%
Recommended reading	Basic literature	1. Derivatives and alternative investments, CFA Program Curriculum, Level I, Volume 6, 2019 2. B. Chambers D.R., Black K.H., Lacey N.J.: Alternative investments: a primer for investment professionals, CAIA Association, 2018. Hull J.C.: Fundamentals of Futures and Options Markets, Pearson, 2013.	
	Supplementary literature	1. Fabozzi, F.J. (2006). Handbook of Alternative Investments. Wyd. Wiley, Hoboken. 2. Swedroe, L.E. , Kizer, J. (2008). The only guide to alternative investments you'll ever need . Wyd. Bloomberg Press , 3. New York.	
	eResources addresses		

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

Document generated electronically. Does not require a seal or signature.

