

Study programme**Part A) of the study programme *****Learning outcomes**

Faculty offering the field of study:		Faculty of Economic Sciences and Management
Field of study:		Finance and accounting
Level of study:		second cycle studies
Level of the Polish Qualifications Framework:		Level 7
Degree profile:		General academic
Professional degree awarded to the graduate:		magister
Allocation of the field of study within academic or artistic discipline(s), to which learning outcomes for a given field of study refer:		Discipline: - Economics and Finance (90%) - Management and Quality Sciences (10%)
		Major discipline: Economics and Finance
(1) Symbol	(2) Upon completion the graduate achieves the learning outcomes specified below:	
KNOWLEDGE (the graduate knows and understands)		
K_W01	in depth, on the basis of the structured theoretical knowledge, issues and development trends of economics and finance and their place in the system of social sciences	
K_W02	in depth, the different types of social ties, the regularities between them, knows the role and importance of social responsibility in economic processes	
K_W03	in depth, the behavior of people in the organization at the individual, group and institutional level	
K_W04	modern methods of scientific research, as well as tools of financial analysis and forecasting	
K_W05	from the point of view proper for financial sciences and accounting, economic and social processes taking place in institutions and their environment	
K_W06	in depth, static and dynamic relations between economic and financial structures and institutions at national and international level	
K_W07	in depth, from the point of view proper for the sciences of finance and accounting – selected systems of legal, organizational, moral and ethical norms and rules conditioning the financial functioning of enterprises, state and households	
K_W08	in depth, the nature, scope and effects of risk impact on the financial market	
K_W09	in depth, issues in the field of intellectual property and copyrights	
K_W10	the principles of establishing and developing forms of individual entrepreneurship with the use of knowledge in the field of economics and finance as well as management and quality sciences	
SKILLS (the graduate is capable of)		
K_U01	analyzing, creatively interpreting and explaining economic phenomena as well as assessing the economic and financial conditions of the activities of enterprises	
K_U02	analyzing the causes and course of financial phenomena, formulating own opinions in this field as well as putting forward research hypotheses and verifying them	
K_U03	acquiring, analyzing, synthesizing and presenting financial data used in decision-making processes	
K_U04	forecasting and modelling complex financial phenomena, using advanced quantitative methods and tools, as well as modern information and communication technologies	
K_U05	using efficiently normative systems, norms and rules (legal, professional, ethical) in the field of finance and accounting in order to solve specific problems	

K_U06	using the acquired knowledge, extended by critical analysis, to solve complex and unusual problems in the field of finance and accounting
K_U07	using independently the acquired knowledge in running a business
K_U08	analyzing financial phenomena with the use of research methods appropriate for the discipline of economics and finance, as well as adapting methods or developing new ones to solve problems in the field of finance and accounting
K_U09	creating written works, preparing speeches and conducting debates in the field of finance and accounting with a diverse audience
K_U10	using specialized English in finance and accounting
K_U11	speaking English at B2+ level to the extent appropriate for the business practice
K_U12	interacting and working within task forces, taking on a variety of roles, including team leadership
K_U13	planning and implementing independently the process of deepening own knowledge and skills and inspire others to do so
SOCIAL COMPETENCES (the graduate is willing to)	
K_K01	assess critically the knowledge and recognize its importance in solving cognitive and practical problems in the field of finance and accounting as well as to cooperate with experts in case of difficulties with their solving
K_K02	identify and resolve correctly dilemmas related to performing the profession, with regard to its ethos and compliance with professional ethics as well as to perform professional roles responsibly, taking into account changing social needs
K_K03	think and act in an entrepreneurial and responsible manner, respecting social commitments and acting for sustainable development

Part B) of the study programme

Description of the process resulting in the achievement of learning outcomes

Faculty offering the field of study:		Faculty of Economic Sciences and Management		
Field of study:		Finance and Accounting		
Level of study:		second cycle studies		
Level of the Polish Qualifications Framework:		Level 7		
Degree profile:		General academic		
Allocation of the field of study within academic or artistic discipline(s), to which learning outcomes for a given field of study refer:		Discipline: Economics and Finance (90%), Management and Quality Sciences (10%)		
Mode of study:		Major discipline: Economics and Finance		
Number of semesters:		full-time programme		
Number of ECTS required for the award of qualifications corresponding to the level:		four		
Total number of teaching hours:		120		
Professional degree awarded to the graduate:		795 hours including university lectures		
The relationship between the study programme and NCU mission and strategy:		magister		
		The program of second-cycle studies in the field of Finance and Accounting is in line with the mission and strategy of the Nicolaus Copernicus University. The issues discussed during the classes are based on the latest scientific research results and economic practice, which makes them a response to the current and future needs of society. Students not only gain theoretical knowledge, but also learn how to solve problems in the field of finance and accounting in practice, observe professional ethics and take actions for sustainable development. During their studies, students have the opportunity to: conduct their own research, act in scientific clubs, cooperate with business entities, participate in international student exchange and general university classes. Education in this field gives graduates a guarantee of a satisfying professional career and enables them to continue their education at a doctoral school or during postgraduate studies.		
Courses/course modules along with expected learning outcomes				
Course module	Course	Expected learning outcomes	Forms and methods of teaching ensuring the achievement of learning outcomes	Methods of verifying and assessing expected learning outcomes achieved by the student

Module: general education	Business English for Finance	<p>U01: The graduate communicates on specialist topics with diverse audiences</p> <p>U02: The graduate leads the debate</p> <p>U03: The graduate uses a foreign language at the B2 + level of the CEFR and a higher degree of specialist terminology</p> <p>K_U10 - The graduate is able to use specialist English in the context of Finance.</p> <p>K_U10 0 The graduate is able to use English at the B2+ level within the scope relevant to business practice.</p>	Cognitive and communicative method - using various media and diverse forms of student work.	graded credit/EXAM
	University lectures	depends on the chosen lecture	depends on the chosen lecture	depends on the chosen lecture
	Occupational safety, Health and Ergonomics	Moodle course		
	Monetary and Budgetary Policy	<p>W1: The graduate has in-depth knowledge of monetary policy of the central bank as well as budgetary policy of the government and its position within the system of Social Sciences as well as of the economics theory and its evolution. K_W01</p> <p>W2: The graduate has in-depth knowledge of statistical and dynamic relationships between monetary and budgetary policies and financial structures and institutions at the national and international levels. K_W06.</p> <p>U1: The graduate is able to analyse monetary and budgetary phenomena along with their causes and course of action and to formulate their own opinions on them as well as to postulate and verify research hypotheses. - K_U02</p> <p>U2: The graduate is able to use specialist English in the context of Finance - K_U10.</p> <p>U03: The graduate understands the constant need to expand his own knowledge of the specifics and interactions between monetary and budgetary aspects of financial policy to be able to use it for economic analysis - K_U13</p>	<p>- presentation</p> <p>- informative / conventional lecture</p> <p>- problem lecture</p>	lectures - EXAM

Module: Basic subjects	Advanced Managerial Accounting	W1: The student knows and understands at an advanced level financial aspects (theory and practice) of management in economic units - K_W04, U1: The student is able to prepare the necessary information used in decision-making processes - K_U03 , K1: The student is able to think analytically, obtain information to solve specific problems in the field of finance and accounting - K_K01.	Information lecture, problem solving, discussion, group work	Lectures - exam classes - graded credit
	Finance and Financial Market	The graduate W1: has knowledge of functioning and components of the financial market K_W01 W2: has knowledge and investigates processes taking place in financial institutions and their environment K_W05, U1: The graduate displays advanced skills in preparing presentations about financial instruments, institutions and the processes on the financial market and K_U09 U2: understands the constant need to expand their own knowledge about the changes on the financial market K_U13, K1: has knowledge and skills enabling them to obtain information connected with financial instruments and the financial market participants K_K01	- informative lecture – Power Point presentation of theoretical issues and practical examples. Exploratory teaching methods: - practical – solving of practical cases, project/presentation, discussion, group work, case study.	Lectures - exam classes - graded credit
	Ethics in finance	W1: Student understands the causes and evolution of management processes towards corporate social responsibility – K_W02 W2: Student understands the importance of ethics in the financial market and the principles of sustainable development – K_W07, U1: Student is able to analyze issues related to the activities of entities on the financial market in the context of ethics and corporate social responsibility – K_U02, U2: Student develops skills in preparing presentations, presenting and defending its own points of view K_U09, K1: Student is able to obtain information related to the	information lecture - conventional lecture - problem lecture - case studies	Lectures - exam

		functioning of the financial market in the ethical context and the principles of sustainable development – K_K01		
	Advanced Macroeconomics	<p>W1: Student has knowledge about processes taking place in the monetary sphere of the global economy – K_W01</p> <p>W2: Student understands problems of economic policy in the open economy – K_W02, W3: Students will gain a good understanding of the motives behind the behaviour of international financial market participants and their effects - K_W03, U1: Student has the ability to apply various theoretical concepts to analyze the effects of using macroeconomic policy instruments in an open economy – K_U01, U2: Student is well prepared to prepare short analyses regarding selected problems of international economy – K_U09, K1: Student is well prepared to perceive dependencies and to draw conclusions correctly using the principles of logic – K_K01</p>	<p>Problem lecture with presentation of basic analytical sequences. Practical exercises devoted to practicing the skills of using theoretical achievements of international economics to solve problems describing certain phenomena in economic practice.</p>	<p>Lectures - exam</p> <p>classes - graded credit</p>
Module: Main course subjects	Master's Diploma Seminar/Master thesis	<p>W1. Gaining knowledge on the discipline of finance in the area used in the thesis K_W01.</p> <p>W2. Gaining knowledge of modern methods and tools used when writing a thesis K_W06.</p> <p>W3. Gaining knowledge in the field of intellectual property and copyrights K_W09, U1. Acquiring the ability to analyze, interpret and explain economic phenomena, considering the economic and financial conditions K_U01.</p> <p>U2. Developing the ability to analyze the causes, terms and effects of financial phenomena, to formulate simple research hypotheses and to verify them K_U02.</p> <p>U3. Acquiring the ability to create typical written works and preparation of speeches in English in the</p>	<ul style="list-style-type: none"> - biographical, - exchange of ideas, - classic problem method, - observations, - case studies, - seminar discussion 	<p>The basis for completing individual semesters is:</p> <p>Semester I - selection of the topic and preparation of the work outline,</p> <p>Semester II - developing two chapters of work</p> <p>Semester III - preparation and submission of a complete thesis.</p> <p>Completion of the seminar (submission of the thesis)</p> <p>Diploma exam</p>

		<p>field</p> <p>finance and accounting K_U09, K1. Actively participates in the seminar discussion and uses suggestions proposed during the discussion K_K02.</p> <p>K2. In an independent and critical way supplements the knowledge and skills needed to write a thesis K_K02.</p> <p>K3. Can obtain information necessary to verify the research hypotheses in the field of finance and accounting and achieve the assumed goal of the work K_K03.</p>		
	International Economic Law	<p>W1: has advanced knowledge of rules and organizational framework creating legal business environment for international finance and trade K_W06</p> <p>W2: knows the requirements for conducting business activity in international finance and trade K_W07</p> <p>W3: is familiar with international intellectual property rights K_W9, U1: can find and interpret rules of international law that are in force in the international business environment K_U03</p> <p>U2: can analyze the roles that multilateral institutions play in regulating crucial international economic relations K_U05, K1: understands the significance of updating knowledge about law that is in force in the international business environment K_K01</p>	<ul style="list-style-type: none"> - informative lecture, - typical lecture, - case studies and projects, - legal norms interpretation 	Lectures - exam classes - graded credit

	Taxation and tax law	W1: The graduate has in-depth knowledge, understands and investigates international taxation system- K_W07, U1: The graduate efficiently uses provisions of law to solve specific tax problems - K_U05	Expository teaching methods: - informative lecture, description – Power Point presentation of theoretical issues and practical examples. Exploratory teaching methods: - practical – solving of practical cases, discussion	Lectures - graded credit
	Financial Econometrics	W1: knows market efficiency concept and its consequences - K_W04 W2: identifies and knows estimation methods for volatility models - K_W06 W3: is familiar with applications of financial econometrics models in risk analysis K_W08, U1: evaluates market efficiency level - K_U04 U2: estimates and interprets volatility models from the forecasting perspective - K_U08 U3: calculates risk measures based on financial econometrics models (VaR, ES) and can evaluate them K_U04, K1: is ready to acquire data for financial markets analysis - K_K01	Presentation lecture, problem lecture, classes in a computer laboratory, solving practical problems	Lectures - exam classes - graded credit
	Capital market law	W01: Has knowledge and understands the rules of functioning of financial market institutions, with particular focus on legal regulations (K_W07), U01: Can use various standards, especially legal ones, to analyze and formulate conclusions regarding selected phenomena occurring on the financial market (K_U05), K01: Has the knowledge and skills to solve problems in the area of functioning of the financial market (K_K01)	Lecture, discussion, case presentations	Lectures - graded credit

	Corporate Finance	<p>W1: Student knows the concept, ideas and rules of financial management in the corporation - K_W05.</p> <p>W2: Student knows an influence of the external and internal factors on the financial condition of the corporation - K_W05.</p> <p>W3: Student knows the relations and connections between various items of the balance sheet, income statement and cash flows statement of the corporation - K_W04,</p> <p>U1: Student can assess and evaluate financial condition of the company - K_U01.</p> <p>U2: Student can calculate, use and evaluate financial ratios in the corporation - K_U03,</p> <p>K1: Student tends to enlarge its knowledge related to corporate management K_K01.</p> <p>K2: Student searches for new and creative solutions of the financial problems of the corporation K_K03.</p> <p>K3: Student develops skills of working in a group K_K03.</p>	Power Point presentation, case study solving, exercises solving, discussion	Lectures - exam classes - graded credit
	Advanced Financial Accounting	<p>W1: Student is familiar with advanced terms in scope of financial accounting (related to assets, liabilities and result items) – K_W01.</p> <p>U1: Student can value and record economic operations related to advanced selected positions of assets and liabilities, as well as results items. – K_U06.</p> <p>K1: Student tends to enlarge the knowledge related to advanced financial accounting – K_K01.</p>	<p>- informative lecture, description – Power Point presentation of theoretical issues and practical examples, case study.</p> <p>Exploratory teaching methods:</p> <p>- practical – solving of practical cases, discussion, group work.</p>	Lectures - exam classes - graded credit
	Advanced Financial Statement Analysis	<p>W1: Student knows the advanced tools for analyzing financial statements. - K_W04,</p> <p>U1: Student is able to properly select and analyze reporting information. - K_U03, K1: Student is able to proper evaluation relevant reporting information to solve of operational and decision-making problems. - K_K01</p>	traditional lecture, seminar lecture, Power Point presentation, case study analysis, discussion	Lectures - exam classes - graded credit

	World Economy Analysis and Economic Policy	<p>W1: The graduate has in-depth knowledge of world economy and its place in social sciences (K_W01)</p> <p>W2: The graduate has advanced knowledge of different theoretical approaches to economic policy and its evolution (K_W01),</p> <p>W3: The graduate has in-depth knowledge of the relationships between human behavior and sustainable development goals for the world economy (KW03),</p> <p>U1: The graduate can analyze, interpret, and explain economic phenomena in the world economy and to suggest relevant economic policies (K_U01)</p> <p>U2: The graduate can cooperate and work in task teams when preparing the presentation about important world economy problems (K_U12),</p> <p>K1: The graduate has knowledge and skills enabling them to obtain information used to solve specific problems of the world economy (K_K01).</p>	<p>Expository teaching methods:</p> <ul style="list-style-type: none"> - informative lecture with multimedia presentations, - discussion, - additional teaching materials. 	Lectures - graded credit
	Bank Management	<p>W1: Student is familiar with fundamental terms in scope of banking and bank management (related to institutions, settlements, instruments) - K_W01, K_W03.</p> <p>W2: Students recognizes regulations and laws of functioning of banks in domestic as well as international markets - K_W01, K_W10.</p> <p>W3: Students knows the field of operations, tasks and the role of banks - K_W05,</p> <p>U1: Student can evaluate accuracy of using bank instruments and products accordingly to the needs of governments, companies and non-financial customers - K_U01.</p> <p>U2: Student can calculate, use and evaluate financial ratios in banks - K_U03, K_U07,</p> <p>K1: Student tends to enlarge the knowledge related to bank management - K_K01.</p> <p>K2: Student searches for new and creative solutions of the financial problems of banks - K_K02, K_K03.</p>	Power Point presentation, case study presentation, discussion	Lectures - exam

		K3: Student is open to propose and implement new, creative concepts and solutions in scope of bank management - K_K03.		
	Modern management concepts	<p>W1. A student knows, understands and considers – from the perspective of management theory – economic and social processes in organisations and their environment (including global environment), their sources, relations between them and long-term consequences (outcomes) (K_W05)</p> <p>W2. A student knows, understands and considers – from the perspective of management theory – the principles and methods of rationalising decision making, regarding strategic decisions in particular (K_W04)</p> <p>W3. A student knows, understands and considers – from the perspective of management theory – the relations between organisations and their stakeholders, the rules of developing these relations in accordance with ethical standards, CSR and development-oriented goals of an organisation (K_W02)</p> <p>W4. A student knows, understands and considers – from the perspective of management theory – selected systems of legal, organisational, branch and ethical standards including their nature, roots, changes and courses of action (K_W07), U1.</p> <p>A student can forecast, identify and analyse</p>	<p>Lecture including:</p> <ul style="list-style-type: none"> - PPT presentations - conversations and discussions - case studies 	Lectures - graded credit

		<p>the issues concerning the operations and development of an organisation (K_U01)</p> <p>U2. A student can design and manage remedial actions for identified problems/issues (K_U02)</p> <p>U3. A student can apply up-to-date management methods and techniques in an efficient way (K_U04)</p>		
Specialisation module: Corporate finance and accounting	Financial Risk Management	<p>W1: has knowledge of identify and measuring risk - K_W08</p> <p>W2: has knowledge of risk management techniques - K_W08, U1: can analyse financial phenomena along with their causes and course of action and to formulate their own opinions on them - K_U02</p> <p>U2: can analyse financial phenomena and applies relevant research methods - K_U08, K1: can solve specific problems within Finance and Accounting - K_K01</p>	<p>Expository teaching methods:</p> <ul style="list-style-type: none"> - informative lecture with presentation and examples. <p>Exploratory teaching methods:</p> <ul style="list-style-type: none"> - exercises solving, - project work, - practical. 	Lectures - exam classes - graded credit

	Accounting for Financial Instruments	W1: Student identifies, recognizes, measures and disclosures financial instruments. - K_W08, U1: Student is able to properly select and analyze information about financial instruments. - K_U03, K1: Student is able to gather relevant information about financial instruments, the proper evaluation of which will enable the solution of operational and decision-making problems. - K_K01	traditional lecture, seminar lecture, Power Point presentation, case study analysis, discussion	Lectures - graded credit classes - graded credit
	Corporate Financial Statements	W1: has in-depth knowledge and investigates - from the perspective relevant to finance and Accounting - economic processes taking place in institutions and their environment presented in financial statements – K_W05, U1: is able to prepare the necessary information in the form of financial statement to be applied in decision-making processes – K_U03, K1: has knowledge and skills enabling to obtain and use the information presented in financial statements – K_K01	Expository teaching methods: - informative lecture, description – Power Point presentation of theoretical issues and practical examples. Exploratory teaching methods: - practical – solving of practical cases/ exercises concerning financial statements.	Lectures - graded credit classes - graded credit
	Price Strategies	W1: The graduate knows and understands modern tools in the field of price strategies as well as their underlying regularities - K_W04, U1: The graduate is able to prepare the necessary information to be applied in decision-making processes in the field of price strategies. - K_U03, K1: The graduate has knowledge and skills enabling them to obtain information used to solve specific problems within Finance and Accounting and to specify their hierarchy in a relevant manner - K_K01	Informative lecture – Power Point presentation of theoretical issues and practical examples	Lectures - graded credit
	Property Insurance	W1: The graduate has in-depth knowledge of risk occurrence in the market.- K_W08, U1: The graduate is able to prepare the necessary information to be applied in insurance decision-making processes. - K_U03	Lecture including: presentations and conversations and discussions	Lectures - exam

	EU Projects	<p>W1: has knowledge of the essence, objectives, tools and conditions of cohesion policy (K_W02);</p> <p>W2: understands the role of the cohesion policy in the implementation of the EU's general economic strategy (K_W02). U1: is able to develop a project description for the preparation of the grant application (K_U02).</p> <p>K1: identifies solutions aimed at improving the competitiveness and development of public and private organizations, for which it is possible to raise funds from EU (K_K01);</p> <p>K2: can communicate and cooperate with other students in group (K_K01).</p>	<p>Observation/demonstration teaching methods:</p> <ul style="list-style-type: none"> -display (multimedia presentation). <p>Expository teaching methods:</p> <ul style="list-style-type: none"> - informative lecture, - discussion. <p>Exploratory teaching methods:</p> <ul style="list-style-type: none"> - case study, - practical, - project work. 	Lectures - graded credit
	Advanced Corporate Accounting	<p>W1: Student is familiar with advanced terms in scope of corporate accounting (related to assets, liabilities and result items) – K_W01.</p> <p>U1: Student can value and record economic operations related to advanced selected positions of assets and liabilities, as well as results items. – K_U06.</p> <p>K1: Student tends to enlarge the knowledge related to advanced corporate accounting – K_K01.</p>	<p>Expository teaching methods:</p> <ul style="list-style-type: none"> - informative lecture, description – Power Point presentation of theoretical issues and practical examples, case study. <p>Exploratory teaching methods:</p> <ul style="list-style-type: none"> - practical – solving of practical cases, discussion, group work 	Lectures - exam classes - graded credit
	Innovations in Finance	<p>W1: The graduate has in-depth knowledge of Digital finance and its position within the system of Social Sciences and its evolution. - K_W01, U1: The graduate efficiently uses normative systems, standards and rules (legal, professional, ethical) in the field of innovation in finance - K_U06</p> <p>U2: The graduate displays the ability to understand and analyse financial phenomena in the area of digital finance. - K_U08</p>	<p>informative lecture (conventional)</p> <p>conversational lecture</p> <p>case study</p>	Lectures - graded credit
	Modern Banking and Payments	<p>W1: The graduate has in-depth knowledge of FinTech sector development and its position within the financial system and the economic theory and its evolution K_W01.</p> <p>W2: The graduate has in-depth knowledge, understands and investigates - from the</p>	<p>lecture: informative (conventional), conversational, problematic, multimedia presentation prepared by the lecturer, introductory talk, discussion, film screening, presentation of payment devices</p>	Lectures - exam classes - graded credit

		<p>perspective relevant to the FinTech sector - legal, organisational, technical standards determining the digital financial aspect of the operation of businesses K_W07. U1: The graduate can analyse, interpret, and explain digital banking and payment services markets and assess economic and financial determinants of FinTech development K_U01</p> <p>U2: The graduate displays the ability to understand and analyse the FinTech development process, enhanced by the ability of in-depth theoretical evaluation of these phenomena in selected areas, and applies appropriate research methods K_U08.</p>	and authorisation; exercises: a paper prepared by the student, case studies, SWOT analysis, discussion.	
	Corporate Financing Strategies	<p>W1: Student knows the methods of identifying and planning the financing strategy of the corporate, U1: Student is able to determine, on the basis of the company's financial statements, what financial strategy was implemented by the corporate- K_U01, K1: Student is prepared to expand his knowledge related to the finance of the company - K_K03</p>	<ul style="list-style-type: none"> - prezentacja multimedialna, - case study, - wykład informacyjny, - wykład problemowy. 	Lectures - graded credit
	Business Plan	<p>W1: The graduate knows and understands modern financial analysis and forecasting methods and tools as well as their underlying regularities - K_W04, U1: The graduate is able to analyse, interpret and explain economic phenomena and to assess economic and financial determinants of business entities - K_U01, K1: The graduate has knowledge and skills enabling them to obtain information used to solve specific problems within Finance and Accounting and to specify their hierarchy in a relevant manner - K_K01</p>	<p>Expository teaching methods:</p> <ul style="list-style-type: none"> - informative lecture – Power Point presentation of theoretical issues and practical examples. <p>Exploratory teaching methods:</p> <ul style="list-style-type: none"> - practical – solving of practical cases, project, discussion, group work 	Lectures - exam classes - graded credit

Specialisation module: Financial markets and institutions	Insurance Market	W1: The graduate has in-depth knowledge of risk occurrence in the market.- K_W08, U1: The graduate is able to prepare the necessary information to be applied in insurance decision-making processes. - K_U03, K1: The graduate can act as an entrepreneur. - K_K03	1. Lecture including: presentations and conversations and discussions 2. Practical classes including: case studies, students' projects and presentations, reading activities, conversations and discussions	Lectures - graded credit classes - graded credit
	Financial Investments and Risk Management	W1: is acquainted with types of financial instruments and how they work - K_W08 W2: has knowledge of identify, measuring and risk management techniques - K_W08, U1: can analyse financial phenomena along with their causes and course of action and to formulate their own opinions on them - K_U02 U2: can analyse financial phenomena and applies relevant research methods - K_U08, K1: can solve specific problems within Finance and Accounting - K_K01	Expository teaching methods: - informative lecture with presentation and examples. Exploratory teaching methods: - exercises solving, - project work, - practical analysis.	Lectures - exam classes - graded credit
	Development of Start-ups	W1: The graduate knows general principles of development of start-ups using the knowledge of finance – K_W10, U1: The graduate has the ability to obtain and analyze information that may be useful in running a business – K_U07	informative lecture (conventional) conversational lecture case study presentation	Lectures - graded credit

	Financial Crises	<p>W1: The graduate has in-depth knowledge of statistical and dynamic relationships between economic and financial structures and institutions at the national and international levels (K_W06).</p> <p>W2: The graduate has in-depth knowledge, understands and investigates - from the perspective relevant to finance - selected systems of legal, organisational, moral and ethical standards determining the financial aspect of operation of businesses, the state and households (K_W07).</p> <p>W3: The graduate has in-depth knowledge of risk occurrence in the financial market at the national and global levels (K_W08). U1: has the ability to critically analyze the complex reasons for the financial crises and interrelations between them, the economy, financial institutions and the government (K_U01).</p> <p>U2: The graduate is able to analyse financial crises along with their causes and course of action and to formulate their own opinions on them as well as to postulate and verify research hypotheses (K_U02).</p> <p>U3: The graduate shows the ability to use the acquired knowledge in finance and Accounting extended by a critical analysis (K_U04).</p> <p>U4: The graduate displays the ability to understand and analyse financial phenomena, enhanced by the ability of in-depth theoretical evaluation of financial crises, and applies relevant research methods (K_U08),</p> <p>K1: The graduate has knowledge and skills enabling to obtain information used to solve specific problems related to financial crises and their economic impact within Finance and Accounting and to specify their hierarchy in a relevant manner (K_K01).</p> <p>K2: The graduate correctly identifies and</p>	<p>informative and participatory lectures, discussion sessions, multimedia presentations, practical.</p>	Lectures - graded credit
--	------------------	--	--	--------------------------

		solves dilemmas related to financial crises and performing their profession (K_K02).		
	Digital Transformation in Finance	<p>W1: The graduate has in-depth knowledge and investigates - from the perspective relevant to Digital finance - economic and social processes taking place in institutions and their environment. - K_W05, U1: The graduate efficiently uses normative systems, standards and rules (legal, professional, ethical) in the field of Digital Finance - K_U05</p> <p>U2: The graduate displays advanced skills in preparing written reports and delivering oral presentations in English on Digital Finance. - K_U10</p>	<p>informative lecture (conventional)</p> <p>conversational lecture</p> <p>case study</p>	<p>Lectures - graded credit</p> <p>classes - graded credit</p>

	Digital Banking and Payment System	<p>W01 : The graduate has in-depth knowledge of FinTech sector development and its position within the financial system and the economic theory and its evolution K_W01, W02 : The graduate has in-depth knowledge, understands and investigates - from the perspective relevant to the FinTech sector - legal, organisational, technical standards determining the digital financial aspect of the operation of businesses K_W07, U01: The graduate can analyse, interpret, and explain digital banking and payment services markets and assess economic and financial determinants of FinTech development K_U01.</p> <p>U02: The graduate displays the ability to understand and analyse the FinTech development process, enhanced by the ability of in-depth theoretical evaluation of these phenomena in selected areas, and applies appropriate research methods K_U08.</p>	lecture: informative (conventional), conversational, problematic, multimedia presentation prepared by the lecturer, introductory talk, discussion, film screening, presentation of payment devices and authorisation; exercises: a paper prepared by the student, case studies, SWOT analysis, discussion.	Lectures - graded credit classes - graded credit
	International Financial Markets	<p>W01: Has knowledge and understands the principles of functioning of financial market institutions and instruments K_W07 , U01: He can use the acquired knowledge to analyze and formulate conclusions regarding selected phenomena occurring on the financial market K_U06, K01: Has the knowledge and skills to solve problems in the area of functioning of the financial market K_K01</p>	Lecture, discussion, case presentations	Lectures - exam

	Pension Systems	<p>W1: The graduate has in-depth knowledge of social risk occurrence.- K_W08</p> <p>W2: The graduate has knowledge about the possibilities of securing for old-age – K_W02, U1: The graduate is able to prepare the necessary information to be applied in old-age decision-making processes. - K_U03, K1: The graduate can act as an entrepreneur. - K_K03</p>	<p>1. Lecture including: presentations and conversations and discussions</p> <p>2. Practical classes including: case studies, students' projects and presentations, reading activities, conversations and discussions</p>	<p>Lectures - graded credit</p> <p>classes - graded credit</p>
	Investor Relations	<p>W1: Student understands the causes and evolution of management processes towards corporate social responsibility in investor relations field – K_W02</p> <p>W2: Student understands the importance of financial communications with stakeholders – K_W07, U1: Student has the ability to analyze and evaluate the activity of investor relations in companies – K_U01, U2: Student develops skills in preparing presentations, presenting and defending its own points of view - K_U09, K1: Student is able to obtain information related to the functioning of the public companies – K_K01</p>	<p>- information lecture - conventional lecture - problem lecture - case studies</p>	<p>Lectures - graded credit</p>
	Financial Data Mining	<p>W1: The graduate knows and understands modern financial exploration and mining methods and tools as well as their underlying specifics- K_W04, U1:The graduate is able to explore financial data and use advanced numerical methods to formulate their own opinions on them as well as to postulate and verify research hypotheses. - K_U02</p> <p>U2: The graduate is able to use modern software solutions to work with high volumes of financial data, - K_U04, U3 - The graduate understands the constant need to follow the development of data analysis methodology and improve his qualifications in the field of newly developed machine learning algorithms - K_U13</p> <p>U4 - The graduate is able to cooperate and work in Data Science teams, and to assume</p>	<p>- problem lecture, informative lecture, classes with using IT tools</p>	<p>Lectures - exam</p> <p>classes - graded credit</p>

		<p>various roles utilized in a data mining process which follows CRISP - DM methodology - K_U12, K1:</p> <p>The graduate correctly identifies and solves quantitative problems related to performing their profession.</p> <p>- K_K02</p>		
--	--	---	--	--

Detailed allocation of ECTS credits

Academic or artistic disciplines, to which learning outcomes refer:

	Artistic or academic discipline	ECTS credits	
		number	%
1.	Economics and Finance	108	90%
2.	Management and Quality Sciences	12	10%

Course modules	Course	No. of ECTS credits	No. of ECTS credits in the discipline:		No. of ECTS credits for elective courses	No. of ECTS credits obtained by the student in classes conducted with direct contact with the teacher or tutor	No. of ECTS credits obtained by the student as a result of: courses related to academic activity within a discipline or disciplines, to which the field of study is assigned
			Economics and Finance	Management and Quality Sciences			
Module: General Education	Business English for Finance	2	2	0	0	1	0
	University Lectures	2	2	0	2	1	0
	Occupational safety, Health and Ergonomics	0	0	0	0	0	0
Module: Basic Subjects	Monetary and Budgetary Policy	3	3	0	0	2	3
	Advanced Managerial Accounting	4	0	4	0	2	4
	Finance and Financial Market	4	4	0	0	2	4
	Ethics in Finance	4	4	0	0	2	4
	Advanced Macroeconomics	4	4	0	0	2	4
Module: Main Course Subjects	Master's Diploma Seminar/Master thesis	20	20	0	20	8	20
	International Economic Law	4	4	0	0	2	4
	Taxation and Tax Law	3	3	0	0	2	3
	Financial Econometrics	5	5	0	0	3	5

	Capital Market Law	3	3	0	0	2	3
	Corporate Finance	4	4	0	0	3	4
	Advanced Financial Accounting	4	4	0	0	2	4
	Advanced Financial Statement Analysis	5	5	0	0	3	5
	World Economy Analysis and Economic Policy	2	2	0	0	1	2
	Bank Management	3	3	0	0	2	3
	Modern Management Concepts	2	0	2	0	1	2
Specialisation Module: Corporate finance and accounting	Financial Risk Management	4	4	0	4	2	4
	Accounting for Financial Instruments	3	3	0	3	2	3
	Corporate Financial Statements	3	3	0	3	2	3
	Price Strategies	3	3	0	3	1	3
	Property Insurance	3	3	0	3	1	3
	EU Projects	2	2	0	2	1	2
	Advanced Corporate Accounting	5	5	0	5	2	5
	Innovations in Finance	3	3	0	3	2	3
	Modern Banking and Payments	6	6	0	6	3	6
	Corporate Financing Strategies	4	3	1	4	1	4
	Business Plan	6	0	6	6	3	6
Specialisation module: Financial markets and institutions	Insurance Market	3	3	0	3	2	3
	Financial Investments and Risk Management	4	3	1	4	2	4
	Development of Start-ups	3	0	3	3	2	3
	Financial Crises	3	3	0	3	1	3
	Digital Transformation in Finance	5	5	0	5	2	5
	Digital Banking and Payment System	5	5	0	5	2	5
	International Financial Markets	3	3	0	3	1	3
	Pension Systems	6	6	0	6	3	6
	Investor Relations	4	3	1	4	2	4
	Financial Data Mining	6	6	0	6	3	6
Specialisation Module: Corporate finance and accounting IN TOTAL:		120	107	13	64	61	116
			89,2%	10,8%	53%	51%	97%
Specialisation module: Financial markets and institutions IN TOTAL:		120	109	11	64	61	116
			90,8%	9,2%	53%	51%	97%

This study programme is effective as of the first semester of the academic year 2023/24