

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

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| 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 |
| Symbol | 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 |

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| 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

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| 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%) Major discipline: Economics and Finance |
| Mode of study: | full-time programme |
| Number of semesters: | four |
| Number of ECTS required for the award of qualifications corresponding to the level: | 120 |
| Total number of teaching hours: | 795 hours including university lectures (field of human sciences) |
| Professional degree awarded to the graduate: | magister |
| The relationship between the study programme and NCU mission and strategy: | The second-cycle study program in the field of finance and accounting implements both the Mission and Strategy of the Nicolaus Copernicus University in Toruń, ensuring educational conditions at the highest level. The leading discipline to which the major is assigned has scientific category A, and the subjects are taught by academic teachers whose research and scientific achievements have a direct impact on the substantive content of the program. Studies in this field comprehensively prepare for further scientific development during third-cycle studies at the doctoral school. Representatives of the business environment also actively participate in the education process, which has a direct impact on linking the educational content with the current needs and challenges of the modern labour market. In the implementation of the educational program, great emphasis is placed on developing the social competences of graduates who are responsible for the environment and its sustainable development, socially engaged, enterprising, open and sensitive to diversity. Teaching classes are conducted using modern software and technology. In order to ensure interdisciplinarity of education, students take subjects in the field of humanities, also in a foreign language, during the two-year cycle. The field of study also offers an educational path in English, and its students have the opportunity to participate in a double-diploma study program under a partnership agreement with the University of Oldenburg (Germany), which gives them opportunities for both scientific |

| | | development and work in an international environment. | | |
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| 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 | U01: is able to communicate with various groups of recipients using general English and in the context of finance and accounting. (K_U10) U02: is able to prepare and deliver speeches in debates on topics related to finance and accounting, using general English at the B2+ level. (K_U09) U03: has the ability to use English in speech and writing at the B2+ level of the Common European Framework of Reference for Languages and in the area of finance and accounting. (K_U11) | Expository methods (drama, show, simulation) Presentation methods (description, presentation, talk) Search methods (exercise, idea exchange, Oxford debate, project) Teaching methods in online education (evaluation methods) | graded credit/EXAM |
| | University lectures (field of human sciences) | depends on the chosen lecture | depends on the chosen lecture | depends on the chosen lecture |
| | Occupational safety, Health and Ergonomics | Moodle course | | |

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| | <p>Monetary and Budgetary Policy</p> | <p>W1: 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 W2: 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. U1: 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 U2: is able to use specialist English in the context of</p> | <ul style="list-style-type: none"> - presentation - informative / conventional lecture - problem lecture | <p>lectures - EXAM</p> |
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| | | <p>Finance - K_U10. U03: 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>Module: Basic subjects</p> | <p>Advanced Managerial Accounting</p> | <p>W1: knows and understands at an advanced level financial aspects (theory and practice) of management in economic units - K_W04, U1: is able to prepare the necessary information used in decision-making processes - K_U03 , K1: is able to think analytically, obtain information to solve specific problems in the field of finance and accounting - K_K01.</p> | <p>Information lecture, problem solving, discussion, group work</p> | <p>Lectures - exam classes - graded credit</p> |

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| | <p>Finance and Financial Market</p> | <p>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: 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</p> | <p>- 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.</p> | <p>Lectures - exam classes - graded credit</p> |
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| | <p>Ethics in finance</p> | <p>W1: understands the causes and evolution of management processes towards corporate social responsibility – K_W02 W2: understands the importance of ethics in the financial market and the principles of sustainable development – K_W07, U1: 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: develops skills in preparing presentations, presenting and defending its own points of view K_U09, K1: is able to obtain information related to the functioning of the financial market in the ethical context and the principles of sustainable development – K_K01</p> | <p>information lecture - conventional lecture - problem lecture - case studies</p> | <p>Lectures - exam</p> |
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| | <p>Advanced Macroeconomics</p> | <p>W1: has knowledge about processes taking place in the monetary sphere of the global economy – K_W01 W2: understands problems of economic policy in the open economy – K_W02, W3: will gain a good understanding of the motives behind the behaviour of international financial market participants and their effects - K_W03, U1: has the ability to apply various theoretical concepts to analyze the effects of using macroeconomic policy instruments in an open economy – K_U01, U2: is well prepared to prepare short analyses regarding selected problems of international economy – K_U09, K1: 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 classes - graded credit</p> |
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| <p>Module: Main course subjects</p> | <p>Master's Diploma Seminar/Master thesis</p> | <p>W1. Gaining knowledge on the discipline of finance in the area used in the thesis K_W01. W2. Gaining knowledge of modern methods and tools used when writing a thesis K_W06. 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. 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. U3. Acquiring the ability to create typical written works and preparation of speeches in English in the field finance and accounting</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: Semester I - selection of the topic and preparation of the work outline, Semester II - developing two chapters of work Semester III - preparation and submission of a complete thesis. Completion of the seminar (submission of the thesis) Diploma exam</p> |
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| | | <p>K_U09, K1: is ready to critically assess his/her own knowledge in the field related to the subject of the master's thesis and cooperate with the supervisor during its preparation [K_K01] K2: ready to perform the assigned tasks while respecting applicable ethical principles and is aware of the high ethical standards of the prepared works [K_K02]. K3: is ready to act in an organized, reliable and responsible manner, bearing in mind the good of the social group in which he/she functions [K_K03].</p> | | |
| | <p>International Economic Law</p> | <p>W1: has advanced knowledge of rules and organizational framework creating legal business environment for international finance and trade K_W06 W2: knows the requirements for conducting business activity in</p> | <ul style="list-style-type: none"> - informative lecture, - typical lecture, - case studies and projects, - legal norms interpretation | <p>Lectures - exam classes - graded credit</p> |

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| | | <p>international finance and trade K_W07 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_U01 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> | | |
| | <p>Taxation and tax law</p> | <p>W1: has in-depth knowledge, understands and investigates international taxation system- K_W07, U1: efficiently uses provisions of law to solve specific tax problems - K_U05</p> | <p>Expository teaching methods: - informative lecture, description – Power Point presentation of theoretical issues and practical examples. Exploratory teaching methods: - practical – solving of practical cases, discussion</p> | <p>Lectures - graded credit</p> |

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| | <p>Financial Econometrics</p> | <p>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</p> | <p>Presentation lecture, problem lecture, classes in a computer laboratory, solving practical problems</p> | <p>Lectures - exam classes - graded credit</p> |
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| | 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), K1: The student is able to identify and solve ethical dilemmas related to the provision of financial services (K_K02) | Lecture, discussion, case presentations | Lectures - graded credit |
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| | <p>Corporate Finance</p> | <p>W1: knows the concept, ideas and rules of financial management in the corporation - K_W05. W2: knows an influence of the external and internal factors on the financial condition of the corporation - K_W05. W3: knows the relations and connections between various items of the balance sheet, income statement and cash flows statement of the corporation - K_W04, U1: can assess and evaluate financial condition of the company - K_U01. U2: can calculate, use and evaluate financial ratios in the corporation - K_U03, K1: tends to enlarge its knowledge related to corporate management K_K01. K2: searches for new and creative solutions of the financial problems</p> | <p>Power Point presentation, case study solving, exercises solving, discussion</p> | <p>Lectures - exam classes - graded credit</p> |
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| | | <p>of the corporation K_K03. K3: develops skills of working in a group K_K03.</p> | | |
| | <p>Advanced Financial Accounting</p> | <p>W1: is familiar with advanced terms in scope of financial accounting (related to assets, liabilities and result items) – K_W01. U1: can value and record economic operations related to advanced selected positions of assets and liabilities, as well as results items. – K_U06. K1: 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. Exploratory teaching methods: - practical – solving of practical cases, discussion, group work.</p> | <p>Lectures - exam classes - graded credit</p> |

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| | Advanced Financial Statement Analysis | <p>W1: knows the advanced tools for analyzing financial statements. - K_W04, U1: Student is able to properly select and analyze reporting information. - K_U03, K1: is able to proper evaluation relevant reporting information to solve of operational and decision-making problems. - K_K01</p> | <p>traditional lecture, seminar lecture, Power Point presentation, case study analysis, discussion</p> | <p>Lectures - exam classes - graded credit</p> |
| | World Economy Analysis and Economic Policy | <p>W1: has in-depth knowledge of world economy and its place in social sciences (K_W01) W2: has advanced knowledge of different theoretical approaches to economic policy and its evolution (K_W01), W3: has in-depth knowledge of the relationships between human behavior and sustainable development goals for the world economy (KW03), U1: can analyze, interpret, and explain economic</p> | <p>Expository teaching methods: - informative lecture with multimedia presentations, - discussion, - additional teaching materials.</p> | <p>Lectures - graded credit</p> |

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| | | <p>phenomena in the world economy and to suggest relevant economic policies (K_U01)</p> <p>U2: can cooperate and work in task teams when preparing the presentation about important world economy problems (K_U12),</p> <p>K1: has knowledge and skills enabling them to obtain information used to solve specific problems of the world economy (K_K01).</p> | | |
| | <p>Bank Management</p> | <p>W1: is familiar with fundamental terms in scope of banking and bank management (related to institutions, settlements, instruments) - K_W01, K_W03.</p> <p>W2: recognizes regulations and laws of functioning of banks in domestic as well as international markets - K_W01, K_W10.</p> <p>W3: knows the field of operations, tasks and the role of banks - K_W05,</p> | <p>Power Point presentation, case study presentation, discussion</p> | <p>Lectures - exam</p> |

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| | | <p>U1: 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: can calculate, use and evaluate financial ratios in banks - K_U03, K_U07,</p> <p>K1: tends to enlarge the knowledge related to bank management - K_K01.</p> <p>K2: searches for new and creative solutions of the financial problems of banks -K_K02, K_K03.</p> <p>K3: is open to propose and implement new, creative concepts and solutions in scope of bank management - K_K03.</p> | | |
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| | <p>Modern management concepts</p> | <p>W1. 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) W2. 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) W3. knows, understands and considers – from the perspective of management theory – the relations between organisations and their stakeholders, the rules of developing these relations in</p> | <p>Lecture including: - PPT presentations - conversations and discussions - case studies</p> | <p>Lectures - graded credit</p> |
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| | | <p>accordance with ethical standards, CSR and development-oriented goals of an organisation (K_W02)</p> <p>W4. 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),</p> <p>U1. can forecast, identify and analyse the issues concerning the operations and development of an organisation (K_U01)</p> <p>U2. can design and manage remedial actions for identified problems/issues (K_U02)</p> <p>U3. can apply up-to-date management methods and techniques in an efficient way (K_U04)</p> | | |
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| <p>Specialisation module: Corporate finance and accounting</p> | <p>Financial Risk Management</p> | <p>W1: has knowledge of identify and measuring risk - K_W08, K_W04 W2: has knowledge of risk management techniques - K_W08, K_W04 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 recognize the knowledge importance in solving cognitive and practical problems in the field of finance and accounting - K_K01</p> | <p>Expository teaching methods: - informative lecture with presentation and examples. Exploratory teaching methods: - exercises solving, - project work, - practical.</p> | <p>Lectures - exam classes - graded credit</p> |
| | <p>Accounting for Financial Instruments</p> | <p>W1: identifies, recognizes, measures and disclosures financial instruments. - K_W08, U1: is able to properly select and analyze information about financial instruments. - K_U03,</p> | <p>traditional lecture, seminar lecture, Power Point presentation, case study analysis, discussion</p> | <p>Lectures - graded credit classes - graded credit</p> |

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| | | <p>K1: 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</p> | | |
| | <p>Corporate Financial Statements</p> | <p>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</p> | <p>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.</p> | <p>Lectures - graded credit classes - graded credit</p> |

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| | Price Strategies | <p>W1: knows and understands modern tools in the field of price strategies as well as their underlying regularities - K_W04, U1: is able to prepare the necessary information to be applied in decision-making processes in the field of price strategies. - K_U03, K1: 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> | Informative lecture – Power Point presentation of theoretical issues and practical examples | Lectures - graded credit |
| | Property Insurance | <p>W1: has in-depth knowledge of risk occurrence in the market.- K_W08, U1: is able to prepare the necessary information to be applied in insurance decision-making processes. - K_U03</p> | Lecture including: presentations and conversations and discussions | Lectures - exam |

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| | <p>EU Projects</p> | <p>W1: has knowledge of the essence, objectives, tools and conditions of cohesion policy (K_W02); 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). 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); K2: can communicate and cooperate with other students in group (K_K01).</p> | <p>Observation/demonstration teaching methods: -display (multimedia presentation). Expository teaching methods: - informative lecture, - discussion. Exploratory teaching methods: - case study, - practical, - project work.</p> | <p>Lectures - graded credit</p> |
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| | Advanced Corporate Accounting | <p>W1: is familiar with advanced terms in scope of corporate accounting (related to assets, liabilities and result items) – K_W01.</p> <p>U1: 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: 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: has in-depth knowledge of Digital finance and its position within the system of Social Sciences and its evolution. - K_W01,</p> <p>U1: efficiently uses normative systems, standards and rules (legal, professional, ethical) in the field of innovation in finance - K_U06</p> <p>U2: 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 |

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| | <p>Modern Banking and Payments</p> | <p>W1: has in-depth knowledge of FinTech sector development and its position within the financial system and the economic theory and its evolution K_W01. W2: 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. U1: can analyse, interpret, and explain digital banking and payment services markets and assess economic and financial determinants of FinTech development K_U01 U2: displays the ability to understand and analyse the FinTech development process, enhanced by the ability of in-depth theoretical</p> | <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.</p> | <p>Lectures - exam classes - graded credit</p> |
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| | | <p>evaluation of these phenomena in selected areas, and applies appropriate research methods K_U08.</p> | | |
| | Corporate Financing Strategies | <p>W1: knows the methods of identifying and planning the financing strategy of the corporate - K_KW04 U1: is able to determine, on the basis of the company's financial statements, what financial strategy was implemented by the corporate- K_U01, K1: 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 |

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| | Business Plan | <p>W1: knows and understands modern financial analysis and forecasting methods and tools as well as their underlying regularities - K_W04, U1: is able to analyse, interpret and explain economic phenomena and to assess economic and financial determinants of business entities - K_U01, K1: 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: - informative lecture – Power Point presentation of theoretical issues and practical examples. Exploratory teaching methods: - practical – solving of practical cases, project, discussion, group work</p> | Lectures - exam classes - graded credit |
| Specialisation module: Financial markets and institutions | Insurance Market | <p>W1: 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</p> | <p>1. Lecture including: presentations and conversations and discussions 2. Practical classes including: case studies, students' projects and presentations, reading activities, conversations and discussions</p> | Lectures - graded credit classes - graded credit |

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| | | <p>processes. - K_U03, K1: can act as an entrepreneur. - K_K03</p> | | |
| | <p>Financial Investments and Risk Management</p> | <p>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</p> | <p>Expository teaching methods: - informative lecture with presentation and examples. Exploratory teaching methods: - exercises solving, - project work, - practical analysis.</p> | <p>Lectures - exam classes - graded credit</p> |

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| | Development of Start-ups | W1: knows general principles of development of start-ups using the knowledge of finance – K_W10, U1: 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 | W1: has in-depth knowledge of statistical and dynamic relationships between economic and financial structures and institutions at the national and international levels (K_W06). W2: 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). W3: has in-depth knowledge of risk | informative and participatory lectures, discussion sessions, multimedia presentations, practical. | Lectures - graded credit |

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| | | <p>occurrence in the financial market at the national and global levels (K_W08).</p> <p>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: 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: shows the ability to use the acquired knowledge in finance and Accounting extended by a critical analysis (K_U04).</p> <p>U4: displays the ability to understand and analyse financial phenomena, enhanced by the ability of in-depth theoretical evaluation of</p> | | |
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| | | <p>financial crises, and applies relevant research methods (K_U08), K1: 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). K2: correctly identifies and solves dilemmas related to financial crises and performing their profession (K_K02).</p> | | |
| | <p>Digital Transformation in Finance</p> | <p>W1: 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: efficiently uses normative systems, standards and rules (legal, professional, ethical) in the field of Digital Finance -</p> | <p>informative lecture (conventional) conversational lecture case study</p> | <p>Lectures - graded credit classes - graded credit</p> |

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| | | <p>K_U05 U2: displays advanced skills in preparing written reports and delivering oral presentations in English on Digital Finance. - K_U10</p> | | |
| | <p>Digital Banking and Payment System</p> | <p>W01 : 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 : 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: can analyse, interpret, and explain digital banking and payment services markets and assess economic and financial determinants of FinTech</p> | <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.</p> | <p>Lectures - graded credit classes - graded credit</p> |

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| | | <p>development K_U01. U02: 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> | | |
| | <p>International Financial Markets</p> | <p>W01: has knowledge and understands the principles of functioning of financial market institutions and instruments K_W07 , U01: 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> | <p>Lecture, discussion, case presentations</p> | <p>Lectures - exam</p> |

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| | Pension Systems | <p>W1: has in-depth knowledge of social risk occurrence.- K_W08</p> <p>W2: has knowledge about the possibilities of securing for old-age – K_W02,</p> <p>U1: is able to prepare the necessary information to be applied in old-age decision-making processes. - K_U03,</p> <p>K1: 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> | Lectures - graded credit classes - graded credit |
| | Investor Relations | <p>W1: understands the causes and evolution of management processes towards corporate social responsibility in investor relations field – K_W02</p> <p>W2: understands the importance of financial communications with stakeholders – K_W07,</p> <p>U1: has the ability to analyze and evaluate the activity of investor relations in companies – K_U01,</p> <p>U2: develops skills in preparing presentations,</p> | - information lecture - conventional lecture - problem lecture - case studies | Lectures - graded credit |

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| | | <p>presenting and defending its own points of view - K_U09, K1: is able to obtain information related to the functioning of the public companies – K_K01</p> | | |
| | <p>Financial Data Mining</p> | <p>W1: knows and understands modern financial eksploration and mining methods and tools as well as their underlying specifics- K_W04, U1: is able to eksplore 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 U2: is able to use modern software solutions to work with high volumes of financial data, - K_U04, U3 - understands the constant need to follow the development of data analysis methodology and</p> | <p>- problem lecture, informative lecture, classes with using IT tools</p> | <p>Lectures - exam classes - graded credit</p> |

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| | | <p>improve his qualifications in the field of newly developed machine learning algorithms - K_U13</p> <p>U4 - is able to cooperate and work in Data Science teams, and to assume various roles utilized in a data mining process which follows CRISP - DM methodology - K_U12,</p> <p>K1: correctly identifies and solves quantitative problems related to performing their profession- K_K02</p> | | |
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| 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 (field of human sciences) | 4 | 4 | 0 | 4 | 2 | 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 | 2 | 2 | 0 | 0 | 1 | 2 |
| | Advanced Macroeconomics | 4 | 4 | 0 | 0 | 2 | 4 |
| Module: Main Course Subjects | Master's Diploma Seminar/Master thesis | 20 | 20 | 0 | 20 | 8 | 20 |

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| | 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 | |

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| | 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 | 66 | 61 | 114 |
| | | | 89,2% | 10,8% | 55% | 51% | 95% |
| Specialisation module: Financial markets and institutions IN TOTAL: | | 120 | 109 | 11 | 66 | 61 | 114 |
| | | | 90,8% | 9,2% | 55% | 51% | 95% |

* the description of a course syllabus is attached to the study programme

This study programme is effective as of the winter semester of the academic year 2024/2025.