



**WYDZIAŁ  
EKONOMICZNO-  
SOCJOLOGICZNY**  
Uniwersytet Łódzki



# CURRICULUM FOR ECONOMICS

first-cycle studies  
general academic profile  
in force from the academic year 2022/2023

*Accredited studies IACBE  
International Accreditation Council for Business Education*

*Plan of studies confirmed by Council of Faculty of Economics and Sociology on 25.04.2022 r.*

## **1. The name of the course**

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Economics

## **2. A concise description of the course**

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First-cycle studies in Economics at the University of Lodz fit into the field of social sciences, in the discipline of economics and finance. The didactic supervision over the course is provided directly by the Institute of Economics of the Faculty of Economics and Sociology, University of Lodz. The knowledge, skills and social competences of a graduate in Economics meet the requirements specified in the Polish Qualifications Framework for higher education.

Nowadays, the economy is developing extremely dynamically, which means that in order to participate effectively in economic life, formal education in the field of economic sciences is more and more indispensable. Studies of Economics at the Faculty of Economics and Sociology of the University of Lodz make it possible to get comprehensive knowledge and skills necessary for professional development. Economics has been planned in such a way that the graduate's profile matches the needs of the labor market.

The curriculum for Economics consists of modules of economic subjects, as well as non-economic subjects, necessary to understand the issues in the field of economics. Students acquire advanced knowledge of economics and learn the basics of sociology, management, law or accounting. Thanks to the significant number of classes on typically application-related values, graduates acquire practical skills in the use of IT and statistical tools. The so-called "soft" competences, especially those related to social communication and analysis of historical events are also being developed. The emphasis is placed on the reliability of conducted research and the ability to critically analyze the obtained results and theoretical models used in the research.

The course of Economics is developed in two language versions. Both language versions of the study program implement the same learning outcomes. Five specialties are offered in the first-cycle studies in the field of Economics in Polish:

- Creating managerial competences;

- Eco-business;
- Managing a small and medium-sized company;
- Modern economy;
- Quantitative methods in business and economics.

On the other hand, the Economics program in English provides for three specialties due to the smaller number of students. Two of them are the same as in the course of Economics in Polish (Eco-business and Quantitative methods in business and economics). An additional specialty included in the Economics program in English is International Business. As part of all specialties, the graduate is provided with specialist knowledge, as well as skills and competences that make them competitive on the difficult labor market. The above-mentioned specialties fully implement the course-related learning outcomes, which means that students, regardless of which specialty they choose, will complete the learning outcomes indicated for the course of study.

Studies in Economics are of general academic character, therefore the subjects implemented within the framework of the curriculum focus on providing graduates with broad knowledge and universal skills, as well as creating ethical attitudes socially desirable and expected by potential employers. However, the course also includes practical subjects, thanks to which graduates acquire typically practical skills valued in the labor market.

### **3. Level of studies**

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First-cycle studies

### **4. Study profile**

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General academic

### **5. Form of studies**

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Full-time

## **6. The main goals of education**

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Studies in Economics are of a general-academic nature, therefore the subjects implemented as part of the curriculum focus on providing students with broad knowledge and universal skills, as well as on creating ethical attitudes, socially desirable and expected by potential employers. The curriculum also includes subjects that allow graduates to acquire typically practical skills.

One of the main goals of education is to prepare graduates to the needs of the labor market, to pursue the profession of economist in various economic entities, as well as to set up and run their own business. Therefore, the curriculum for Economics, combining knowledge, skills, and competences in the field of economics, accounting and finance, takes into account both national and international patterns as well as the needs of the labor market.

The goal of first-cycle studies in Economics is to educate specialists in the field of economics, who will also have qualifications in the area of quantitative data analysis, managerial accounting, corporate finance or environmental protection. Therefore, the specific objectives include:

- providing comprehensive knowledge in the field of economic sciences,
- developing general skills defined for economic sciences,
- shaping a critical understanding of theoretical foundations of knowledge about economic phenomena and processes,
- preparing graduates for the needs of the labor market, performing the profession of an economist in various economic entities, especially for the implementation of their own entrepreneurship,
- shaping the ethical attitude, social sensitivity, openness, commitment, and a sense of responsibility in the work environment and outside it,
- awareness of the need and development of skills for lifelong learning and personal development,
- preparation to be an active citizen in a democratic society.

Depending on the chosen specialty, students gain advanced knowledge and develop their skills in the area of preferred economic, financial and social aspects, including:

- Eco-business,
- Quantitative methods in business and economics,
- International business.

A graduate of the first-cycle studies at Economics shows:

- advanced knowledge in the field of economic sciences,
- preparation for conducting simple economic analyzes of economic processes (on a micro- and macroeconomic scale),
- skills of using various sources of economic data,
- preparation for forecasting specific processes and economic phenomena using methods and tools,
- the ability to form their own opinion on economic phenomena,
- independence and responsibility in the area of entrusted tasks,
- honesty and reliability in conducting research and in professional work,
- the ability to communicate with the social environment and communicate economic knowledge.

To sum up, a graduate of Economics:

- has advanced knowledge in the field of micro- and macro-economics and other disciplines in the field of social sciences (management, sociology, and law),
- has the ability to use selected quantitative methods to examine and analyze economic phenomena,
- will use the knowledge acquired during the course of studies, for analytical and research works in the field of economics, creating various types of reports, analyzes carried out at the micro- or macro-economic level,
- has social and interpersonal skills,
- can work on their own and in a team,
- is open to changes and is aware of the need to constantly improve qualifications,
- uses their knowledge and skills in a creative, responsible, and ethical way.

## **7. Professional title**

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Undergraduate (*Licencjat* in Polish)

## **8. Possibility of employment and continuation of graduate's education**

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Economics is intended for those who are interested in issues related to the broadly understood use of economic knowledge as part of work in an enterprise, administration or while running their own business. The curriculum was designed in such a way that the graduate could start a professional career in many areas of the economy, both in the private and public sector. The specificity of studying at the Faculty of Economics and Sociology allows graduates to acquire not only typically economic competences, but also in the field of sociology and management. Thanks to this, they will understand economic language and the essence of economic issues well. Graduates of Economics will gain the possibility of attractive employment as a specialist in industrial, commercial and service enterprises, public administration and everywhere where there is a demand for economists. Thanks to the acquired qualifications, graduates will find employment in particular in the following positions: specialist in economic affairs and management, financial and investment advisor, business analyst, sales and marketing specialist, and economist.

List of potential professions, in accordance with the Regulation of the Minister of Family, Labor and Social Policy of 7 August 2014 on the classification of professions and specializations for the needs of the labor market and the scope of its application (with changes - the current list - Regulation of the Minister of Family and Social Policy of 13 November 2021 amending the Regulation on the classification of professions and specialties for the needs of the labor market and the scope of its application (Journal of Laws 2021, item 2285), to which the graduates of the Economics course are prepared:

### **24 Specialists in economic affairs and management**

241 Financial specialists

2411 Bookkeeping and accounting specialists

241102 Controlling specialist

241103 Accounting specialist

241104 Specialist in investment accounting

241105 Specialist in tax accounting

241106 Specialist in managerial accounting

241107 Financial controller

241190 Other bookkeeping and accounting specialists

**2412 Financial and investment advisers**

241201 Pension adviser

241202 Financial adviser

241203 Investment adviser

241205 Leasing adviser

241206 Specialist for drawing up business plans

241290 Other financial and investment advisers

**2413 Financial analysts**

241301 Stock market analyst

241302 Loan analyst

241303 Financial services packages designer

241304 Banking specialist

241305 Specialist in factoring matters

241306 Financial analyst

241307 Specialist for property and personal insurance

241308 Specialist in social insurance

241309 Specialist for health insurance

241310 Specialist in risk management (underwriter)

241311 Investment analyst

241390 Other financial analysts

**243 Sales, marketing and public relations specialists**

2431 Specialists in the field of advertising and marketing

243101 Market trends analyst (cool hunter)

243103 Product manager

243104 Brand manager

243105 A specialist in market analysis and development

243106 A specialist in marketing and trade

243107 Advertising specialist

243108 Specialist for interactive media

243109 Online sales specialist

243190 Other advertising and marketing specialists

### **263 Specialists in social and religious fields**

2631 Economists

263101 Econometrician

263102 Economist

263190 Other economists

Completing studies of Economics, combined with several years of professional practice, may be the basis for applying for employment in a managerial position or for starting your own business. Proficiency in at least one foreign language makes it possible to take up employment both at home and abroad, including international corporations.

Graduates of undergraduate studies may continue education at second-cycle studies where enrollment and prerequisites take into account the competences gained in the first-cycle of Economics (also abroad - in countries where a two-tier education system applies). They can improve their qualifications at postgraduate and in organized at UŁ and other universities.

## **9. Prerequisites and the expected competences of the candidate, described by the language of learning outcomes**

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Enrollment for Economics is conducted on the basis of the qualifications that the candidate has acquired and which are confirmed in his/her secondary school-leaving examination certificate. The candidate is expected to have a general knowledge of contemporary economic and social processes. In particular, the candidate should have basic knowledge of general history, geography, social studies, mathematics and IT science - at the high school level. It is assumed that the candidate is able to use his/her knowledge - solve moderately complex and unusual problems and perform tasks through proper selection of sources and information from these sources, select and use appropriate methods and tools, including information and communication techniques. In addition, it is expected that they are able to analyse and assess their learning needs, identify gaps in their knowledge and fill them on their own, thereby understanding the need for



continuous professional development and personal development. The candidate is ready to perform professional roles responsibly, including compliance with the principles of professional ethics.

The candidate should have a knowledge of a modern foreign language at a minimum level of B1. It is also expected that the candidate will be interested in current economic and social problems and have the ability to think analytically and act in an entrepreneurial manner.

The rules of enrollment (including admission limits) are set annually on the basis of the resolution of the Faculty Council and the resolution of the Senate of the University of Lodz.

## **10. Scientific fields and disciplines to which the learning outcomes relate**

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- field of social sciences, scientific discipline: economics and finance (100%).

In addition, the course includes content with elements of other disciplines that form the necessary conceptual basis, but without affecting the interdisciplinarity of the course and its assignment to the previously indicated field and scientific discipline.

## **11. Learning outcomes for Economics for a given type of qualification with reference to the component of the description of the first and second degree (PRK) PQF characteristics**

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A detailed description of learning outcomes for first-cycle studies of Economics with reference to the component of the first and second degrees of the Polish Qualifications Framework (PRK) is presented in the tabular statement in Table 1.

Each student of the 1st cycle studies of Economics from the fourth semester should choose one of three proposed specialties:

- Eco-business;
- Quantitative methods in business and economics;
- International Business.

A detailed description of the learning outcomes for specialties with reference to the course learning outcomes is presented in the tabular statement in Tables 1A, 1B, and 1C.

## Learning outcomes for the course of Economics.

### First-cycle studies - general academic profile

Table 1. Reference to the course of Economics learning outcomes of the first and second degrees characteristics of the Polish Qualifications Framework (PRK).

Symbol of the learning outcomes for the course	DESCRIPTION OF THE LEARNING OUTCOME After completing first-cycle studies in Economics, the graduate:	Reference to the area learning outcomes described in the PRK (code of the PRK description component)
1	2	3
<b>KNOWLEDGE</b>		
06E-1A_W01	Knows the terminology used in economics and understands its sources and applications within the social sciences.	P6S_WG P6U_W
06E-1A_W02	Has advanced knowledge of other social sciences (sociology, management, law) and their relationship to economics.	P6S_WG P6U_W
06E-1A_W03	Knows the key events in the history of the world economy and the ways of assessing and interpreting their causes and effects from the point of view of the most important economic theories and the dilemmas of modern civilization.	P6S_WG P6S_WK P6U_W
06E-1A_W04	Has advanced knowledge of consumer and producer behavior and the influence of the environment on market decisions.	P6S_WG P6S_WK P6U_W
06E-1A_W05	Has an advanced knowledge of the importance of natural resources for the shaping of economic processes and has adopted the concept of sustainable development.	P6S_WG P6S_WK P6U_W
06E-1A_W06	Has advanced knowledge enabling assessment of economic phenomena in the national, international and intercultural perspective.	P6S_WG P6U_W
06E-1A_W07	Knows quantitative tools used in economic research and for solving decision-making, strategic and operational problems.	P6S_WG P6U_W
06E-1A_W08	Knows legal regulations in the field of intellectual property and copyright protection.	P6S_WG P6U_W
<b>SKILLS</b>		
06E-1A_U01	Is able to observe economic phenomena with an indication of their causes, using analytical tools.	P6S_UW P6U_U
06E-1A_U02	Is able to use advanced theoretical knowledge in the field of economics and related disciplines in order to formulate practical conclusions useful for decision-makers, as well as to analyze and interpret various economic problems.	P6S_UW P6S_UK P6U_U
06E-1A_U03	Can predict the effects of economic decisions based on knowledge of economic theories and prognostic techniques.	P6S_UW P6U_U
06E-1A_U04	Can accurately and consistently express himself/herself in speech and writing on topics related to selected economic issues, using various theoretical approaches from both economics and related disciplines.	P6S_UK P6U_U
06E-1A_U05	Can draw up statements, reports, analyzes and expert reports to help make correct economic decisions.	P6S_UW P6S_UK

		<b>P6U_U</b>
<b>06E-1A_U06</b>	Has the ability to independently collect, select and process information in the field of social and economic phenomena, and can identify gaps in his/her knowledge and independently supplement them.	<b>P6S_UW P6S_UO P6S_UU P6U_U</b>
<b>06E-1A_U07</b>	Can work in a team solving specific tasks in the field of economics, correctly using selected standards and performing different roles; at the same time, has the organizational skills to achieve the goals related to designing and undertaking professional activities.	<b>P6S_UO P6U_U</b>
<b>06E-1A_U08</b>	Is able to use a foreign language at the B2 level of the Common European Framework of Reference for Languages, in the fields of science and scientific disciplines relevant to the studied field of study.	<b>P6S_UK P6U_U</b>
<b>SOCIAL COMPETENCIES</b>		
<b>06E-1A_K01</b>	Is aware of the level of his/her knowledge, self-evaluates his/her own competences, can complement, and improve acquired knowledge and skills, and understands the need for continuous professional training and personal development.	<b>P6S_KK P6U_K</b>
<b>06E-1A_K02</b>	Is aware of the limitations of theories and research methods learned and is open to new theories and methods; creatively looking for solutions to the problems posed before them.	<b>P6S_KK P6U_K</b>
<b>06E-1A_K03</b>	Formulates his/her own position, choosing arguments for its support, but also is flexible and able to conduct discussion, including arguments for other views.	<b>P6S_KK P6U_K</b>
<b>06E-1A_K04</b>	Cares about the reliability of analyzes and the precision of the arguments and data used, is critical of his/her own work.	<b>P6S_KK P6S_KR P6U_K</b>
<b>06E-1A_K05</b>	Is able to work and cooperate in a group, actively participates in groups, organizations or institutions, is open to cooperation and building relationships, represents a creative and entrepreneurial attitude, is ready to take up professional challenges, and constantly strives to implement individual and team actions.	<b>P6S_KO P6U_K</b>
<b>06E-1A_K06</b>	Follows the principles of professional ethics, respecting copyright, correctly identifies and resolves moral dilemmas related to the profession, is convinced of the importance of acting in a professional manner, and is sensitive to social, economic, and ecological problems.	<b>P6S_KO P6S_KR P6U_K</b>
<b>06E-1A_K07</b>	Is responsibly preparing for his/her work, properly defining priorities for the implementation of specific tasks, is open to the chances of commercial use of his/her knowledge.	<b>P6S_KR P6U_K</b>
<b>06E-1A_K08</b>	Complies with the principles of protection of intellectual property and copyright within the framework of their research work.	<b>P6S_KR P6U_K</b>

Table 1A. Reference to the learning outcomes set for the **Eco-business** specialty to the course learning outcomes.

Symbol of the learning outcomes for the course	DESCRIPTION OF THE LEARNING OUTCOME After completing the Eco-business specialty module at the first-cycle studies in Economics, the graduate:	Reference to learning outcomes
1	2	3
<b>KNOWLEDGE</b>		
<b>06EB1A_W01</b>	Knows and understands concepts and principles of sustainable development.	<b>06E-1A_W01</b> <b>06E-1A_W05</b>
<b>06EB1A_W02</b>	Has advanced knowledge of economic structures and institutions operating in the field of environmental protection (knows their elements, relations between them, standards and rules organizing them).	<b>06E-1A_W01</b> <b>06E-1A_W05</b>
<b>06EB1A_W03</b>	Has advanced knowledge in the field of natural sciences, with particular emphasis on the role of man undertaking business in the natural environment.	<b>06E-1A_W04</b> <b>06E-1A_W05</b>
<b>06EB1A_W04</b>	Knows and understands socio-economic relations, indicates their impact on environmental change processes, has advanced knowledge about their causes and consequences for the economy, man and the environment.	<b>06E-1A_W01</b> <b>06E-1A_W05</b>
<b>06EB1A_W05</b>	Has advanced knowledge of achievements in the field of eco-innovations and facilities, equipment and environmental technologies, knows and mentions the possibilities of his/her application in economic practice, taking into account the principles of industrial property and copyright.	<b>06E-1A_W05</b> <b>06E-1A_W08</b>
<b>06EB1A_W06</b>	Knows and understands relationship between the economy and the environment in practice; has advanced knowledge about the impact of the economy on the natural environment to the extent necessary to understand current political, social and economic phenomena; indicates environmental changes and threats caused by anthropopressure.	<b>06E-1A_W01</b> <b>06E-1A_W05</b>
<b>06EB1A_W07</b>	Knows and understands the advanced economic aspects in the field of environmental protection.	<b>06E-1A_W01</b> <b>06E-1A_W05</b>
<b>06EB1A_W08</b>	Has advanced knowledge of the most important concepts, objectives, principles and instruments that underlie the implementation of environmental policy and describes the environmental and economic effects of the policy.	<b>06E-1A_W02</b> <b>06E-1A_W05</b>
<b>06EB1A_W09</b>	Has advanced knowledge of actions taken to protect the environment at the micro and macroeconomic level, including CSR activities and knows the possibilities of their application in business practice.	<b>06E-1A_W05</b> <b>06E-1A_W06</b>
<b>06EB1A_W10</b>	Knows and understands the most important legal aspects of environmental protection, environmental policy, waste and water and sewage management.	<b>06E-1A_W02</b> <b>06E-1A_W05</b>
<b>SKILLS</b>		
<b>06EB1A_U01</b>	Can describe and indicate the importance of economic sciences in solving advanced environmental problems in economic practice.	<b>06E-1A_U01</b> <b>06E-1A_U04</b>
<b>06EB1A_U02</b>	Can explain the essence of close links between the economy and the environment, its impact on the condition of and threat to nature to the extent necessary for understanding contemporary political, social and economic phenomena.	<b>06E-1A_U01</b> <b>06E-1A_U04</b>
<b>06EB1A_U03</b>	Uses the acquired knowledge and skills, as well as their profession as an economist in domestic and international units, where there are problems related to the protection of the natural environment.	<b>06E-1A_U02</b> <b>06E-1A_U05</b>
<b>06EB1A_U04</b>	Can observe and interpret phenomena which occur in the	<b>06E-1A_U05</b>

	natural environment, as well as can analyze their impact on particular areas of economic activity.	<b>06E-1A_U07</b>
<b>06EB1A_U05</b>	Is able to use advanced economic knowledge, including environmental economics in professional practice in order to analyze and interpret various economic problems and formulate practical conclusions, as well as to resolve dilemmas appearing in professional work in domestic and international units obliged to comply with environmental regulations (including using normative systems, selected norms and rules).	<b>06E-1A_U02</b> <b>06E-1A_U06</b>
<b>06EB1A_U06</b>	Can accurately and consistently express himself/herself in speech and in writing on topics related to selected environmental issues, using various theoretical approaches and skillfully formulate practical conclusions and recommendations for the economy.	<b>06E-1A_U01</b> <b>06E-1A_U04</b>
<b>06EB1A_U07</b>	Can prepare (on his/her own or as part of a team comprising various types of reports, analyzes, statements, and reports which may enable taking correct economic decisions aimed at limiting the negative effects of civilization processes on the natural environment.	<b>06E-1A_U05</b> <b>06E-1A_U07</b>
<b>06EB1A_U08</b>	Can analyze his/her own activities; in addition, is able to verify the correctness of reports, and analyzes made by themselves and others, including those concerning applied and proposed environmental technologies in the field of environmental protection.	<b>06E-1A_U06</b> <b>06E-1A_U07</b>
<b>06EB1A_U09</b>	Can work in a team solving specific tasks in the field of economics and environmental protection, correctly using selected normative systems to solve a specific environmental problem; at the same time, has the organizational skills to achieve the goals related to designing and undertaking professional activities.	<b>06E-1A_U02</b> <b>06E-1A_U07</b>
<b>06EB1A_U10</b>	Analyzes and explains the advanced relationships between the economy, environment, and ecology, and uses standard methods and quantitative tools to describe these relationships.	<b>06E-1A_U03</b> <b>06E-1A_U05</b>
<b>06EB1A_U11</b>	Is able to manage their own development and independently acquire knowledge by obtaining information from literature in the field of economic sciences and environmental protection, by collecting and processing information from various sources (including electronic sources), knows how to use reports, analyzes of various organizations and institutions (domestic, international) to assess the risk of environmental hazards and then interpret them, draw conclusions and also use the acquired information in professional practice.	<b>06E-1A_U02</b> <b>06E-1A_U06</b>
<b>06EB1A_U12</b>	Is able to prepare on his/her own and in a group written works in English and foreign language regarding economics and environmental protection using the advanced theoretical approaches, as well as various sources.	<b>06E-1A_U04</b> <b>06E-1A_U08</b>
<b>06EB1A_U13</b>	Has the ability to prepare on his/her own and in a group multimedia presentations and oral presentations in English and foreign language on the subject of economics and environmental protection using the advanced theoretical approaches, as well as various sources.	<b>06E-1A_U05</b> <b>06E-1A_U08</b>
<b>06EB1A_U14</b>	Can acquire information, analyze, perform simple practical tasks and expert opinions under the guidance of a scientific supervisor, and advise on matters related to the need to comply with environmental protection regulations in business.	<b>06E-1A_U01</b> <b>06E-1A_U02</b>

<b>SOCIAL COMPETENCIES</b>		
<b>06EB1A_K01</b>	Is aware of the necessity of constantly improving his/her qualifications, tracking information about interactions between the economy, environment, and man.	<b>06E-1A_K01 06E-1A_K05</b>
<b>06EB1A_K02</b>	Is able to work on his/her own and in a team and uses his/her knowledge and skills in a, responsible and ethical way.	<b>06E-1A_K05 06E-1A_K06</b>
<b>06EB1A_K03</b>	Recognizes the complexity of processes which take place in the modern world economy, is aware of the consequences and threats which man's economic activity entails for the natural environment, undertakes initiatives for environmental protection.	<b>06E-1A_K05 06E-1A_K06</b>
<b>06EB1A_K04</b>	Demonstrates sensitivity to the social, economic and ecological dilemmas of the modern economy, with particular emphasis on preserving the values of the natural environment.	<b>06E-1A_K05 06E-1A_K06</b>

Table 1B. Reference to the learning outcomes set for the **Quantitative Methods in Business and Economics** specialty to the course learning outcomes.

Symbol of the learning outcomes for the course	DESCRIPTION OF THE LEARNING OUTCOME After completing the Quantitative Methods in Business and Economics specialty module at the first-cycle studies in Economics, the graduate:	Reference to learning outcomes
1	2	3
<b>KNOWLEDGE</b>		
<b>06EI1A_W01</b>	Knows the advanced theoretical concepts concerning economic processes taking place in the national economy.	<b>06E-1A_W01</b> <b>06E-1A_W04</b>
<b>06EI1A_W02</b>	Has advanced knowledge about the functioning of financial markets, labor markets, methods of their analysis and valuation of financial assets.	<b>06E-1A_W04</b> <b>06E-1A_W07</b>
<b>06EI1A_W03</b>	has in-depth and structured knowledge of business creation, resource management and relations between entities in the global economic environment	<b>06E-1A_W04</b> <b>06E-1A_W07</b>
<b>06EI1A_W04</b>	Has advanced knowledge of the principles and techniques for presenting (in the form of presentations) the conclusions from the conducted economic and financial analyzes.	<b>06E-1A_W06</b> <b>06E-1A_W07</b>
<b>06EI1A_W05</b>	Knows the advanced quantitative and qualitative methods of financial and economic data analysis.	<b>06E-1A_W01</b> <b>06E-1A_W07</b>
<b>SKILLS</b>		
<b>06EI1A_U01</b>	Is able to conduct advanced economic and financial analyzes.	<b>06E-1A_U01</b> <b>06E-1A_U05</b>
<b>06EI1A_U02</b>	Can interpret phenomena and processes taking place in the economy, in the money market and in the labor market.	<b>06E-1A_U05</b> <b>06E-1A_U06</b>
<b>06EI1A_U03</b>	Is able to choose the right analytical and research tool for a selected group of indicators aimed at assessing the processes taking place in the economy and on the financial market(s).	<b>06E-1A_U05</b> <b>06E-1A_U06</b>
<b>06EI1A_U04</b>	Can formulate assessments and guidelines for economic policy.	<b>06E-1A_U02</b> <b>06E-1A_U03</b>
<b>06EI1A_U05</b>	Can present in a logical and understandable way and describe conclusions from the conducted advanced economic and financial analyzes.	<b>06E-1A_U02</b> <b>06E-1A_U05</b>
<b>SOCIAL COMPETENCIES</b>		
<b>06EI1A_K01</b>	Is aware and ready to supplement his/her economic and financial knowledge on his/her own.	<b>06E-1A_K01</b> <b>06E-1A_K02</b>
<b>06EI1A_K02</b>	Is creative in terms of searching for the right information and statistical data for analysis.	<b>06E-1A_K02</b> <b>06E-1A_K05</b>
<b>06EI1A_K03</b>	Has the ability to critically evaluate his/her own and other people's views.	<b>06E-1A_K03</b> <b>06E-1A_K04</b>

Table 1C. Reference to the learning outcomes set for the **International Business** specialty to the course learning outcomes.

Symbol of the learning outcomes for the course	DESCRIPTION OF THE LEARNING OUTCOME After completing the International Business specialty module at the first-cycle studies in Economics, the graduate:	Reference to learning outcomes
1	2	3
<b>KNOWLEDGE</b>		
06EG1A_W01	Is familiar with the types of international business contracts.	06E-1A_W01 06E-1A_W02
06EG1A_W02	Is familiar with the companies` opportunities and obligations resulting from CSR and changes in ecological environment.	06E-1A_W02 06E-1A_W05
06EG1A_W03	Knows how to conclude, implement and benefit from international business transactions.	06E-1A_W01 06E-1A_W07
06EG1A_W04	Knows the customs policy instruments, procedures and formalities of customs clearance.	06E-1A_W02 06E-1A_W07
06EG1A_W05	Is familiar with the process of marketing researches on foreign markets.	06E-1A_W01 06E-1A_W02 06E-1A_W04
06EG1A_W06	Is familiar with the types of damages in the international trade and types of the insurance contracts.	06E-1A_W06 06E-1A_W07
06EG1A_W07	Knows the advanced forms and techniques of international payments.	06E-1A_W06 06E-1A_W07
06EG1A_W08	Is familiar with the public support for international business.	06E-1A_W02
06EG1A_W09	Is familiar with the tasks and strategies of international logistics and its place in modern enterprise management concepts.	06E-1A_W06
06EG1A_W10	Is familiar with the effects of the internationalization of companies.	06E-1A_W01 06E-1A_W06
06EG1A_W11	Knows the reasons for the company`s commitment to environmental and sustainable development, particularly in the international context.	06E-1A_W01 06E-1A_W05
<b>SKILLS</b>		
06EG1A_U01	Can identify the benefits and risks associated with the various forms of international business transactions.	06E-1A_U01 06E-1A_U05
06EG1A_U02	Can select the form and prepare an entry strategy and operational activities on foreign market.	06E-1A_U02 06E-1A_U05
06EG1A_U03	Prepares commercial inquires, offers and contracts.	06E-1A_U01 06E-1A_U03 06E-1A_U04
06EG1A_U04	Concludes sand executes international contracts.	06E-1A_U01 06E-1A_U05
06EG1A_U05	Can issue checks and promissory notes and implement international payments.	06E-1A_U01 06E-1A_U06
06EG1A_U06	Adapts the types and advanced tools of marketing researches to the specificity of foreign markets.	06E-1A_U02 06E-1A_U05
06EG1A_U07	Uses the customs tariff to calculate the amount of customs duties.	06E-1A_U01 06E-1A_U06
06EG1A_U08	Can arrange a customs clearance of goods.	06E-1A_U01 06E-1A_U07
06EG1A_U09	Concludes the insurance contracts and skillfully selects the coverage of risk.	06E-1A_U02 06E-1A_U03
06EG1A_U10	Can organize transportation of goods abroad.	06E-1A_U02



		06E-1A_U05 06E-1A_U06
<b>SOCIAL COMPETENCIES</b>		
<b>06EG1A_K01</b>	Is aware of the complexity of the processes of internationalization of enterprises.	06E-1A_K01 06E-1A_K02 06E-1A_K05
<b>06EG1A_K02</b>	Is opened to the process of the internationalization of economic activity.	06E-1A_K01 06E-1A_K02 06E-1A_K05
<b>06EG1A_K03</b>	Observes customs and regulations in the international business.	06E-1A_K04 06E-1A_K07
<b>06EG1A_K04</b>	Uses his advanced knowledge and skills in a creative and ethical way by initiating and establishing business contacts with contractors from different countries.	06E-1A_K01 06E-1A_K02
<b>06EG1A_K05</b>	Modifies business activities in response to changes in the business environment.	06E-1A_K01 06E-1A_K03
<b>06EG1A_K06</b>	Takes an active role in interpersonal business contacts.	06E-1A_K01 06E-1A_K02
<b>06EG1A_K07</b>	Demonstrates a sensitivity to the social and ecological aspects of business activity.	06E-1A_K02
<b>06EG1A_K08</b>	Understands the mechanisms and principles of using public support for entrepreneurship.	06E-1A_K02 06E-1A_K04
<b>06EG1A_K09</b>	Is aware of the necessity of permanent improvement of qualifications and the significance of global economic situation analysis.	06E-1A_K02 06E-1A_K03 06E-1A_K05

## **12. Conclusions from the analysis of the compliance of the learning outcomes with the needs of the labor market and the social environment, conclusions from the analysis of the results of monitoring graduates' professional careers as well as proven international patterns**

The curriculum for Economics, combining knowledge, skills and competences mainly in the field of economics, accounting and finance, takes into account both national and international models as well as the needs of the labor market.

The current and forecasted demand for economists and economic specialists was determined on the basis of the results of reports, surveys and statistical data prepared by the Ministry of Family, Labor and Social Policy (MRPiPS), Statistics Poland (GUS), and Randstad Polska Research Institute (IBRP).

In general, the results of the analysis of the labor market in Poland in relation to people with higher education do not cause concern. The Labor Force Survey (BAEL) in 2020 showed that among the surveyed, specified by education level, the lowest unemployment rate was recorded among people with higher education - it accounted for 1.9%, while the total unemployment rate was 5.9%. What is more this indicator for the Lodz province was at the level of 2.9% (2019). One of the lowest indicators was also reported in the case of the

unemployed under 25 in Poland. In the Lodz province it amounted to 10.4% (as of the end of 2020)<sup>1</sup>.

One of the industries in which employers most often declare increasing employment are modern business services. When analyzing the monitoring of deficit and surplus occupations, it can be seen that the first group includes financial and investment advisers, sales specialists and financial managers. The Professions Barometer 2021<sup>2</sup> prepared at the Voivodship Labor Office indicates that in Lodz, the profession of economist is included in the group of sustainable professions, i.e. those in which the number of job offers will be similar to the number of people capable and willing to take up employment (most deficit professions concern manual workers). According to the report prepared in 2020 by the Association of Business Service Leaders in cooperation with EY, JLL, Randstad Poland and Randstad Sourceright, Lodz ranks at the forefront in Poland in terms of business location for the BPO/SSC/IT sector<sup>3</sup>. The demand gap on the market reported by employers can thus be filled by graduates of the course of Economics.

When describing the learning outcomes, the legal regulations in force on the day of the curriculum was adopted were taken into account. In addition, before starting the development of the assumed learning outcomes, a number of consultations were conducted with the participation of current and former students of Economics, potential employers, representatives of the Business Council members at the Faculty of Economics and Sociology of the University of Lodz, and the content of commonly available curricula for Economics from national and foreign universities was analyzed. The studies thus provide an in-depth program of knowledge, skills and social competences, significantly enhancing chances of obtaining an attractive job.

It is worth emphasizing that the Faculty where the Economics course is conducted operates in close cooperation with the environment, thanks to which the knowledge about the needs of the labor market is constantly expanded. Examples of contacts with the economic environment include the following events: Career Days, Job Fairs, regular Dean's Lectures, Rector's Lectures. As part of the Scientific Research Laboratory functioning at the Faculty, students are included in research for business entities. Students can also participate in a university initiative called the Competence Academy. It is a series of trainings and workshops conducted by representatives of companies and institutions from various industries.

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<sup>1</sup> *Rynek pracy w województwie łódzkim w 2020 r.*, Wojewódzki Urząd Pracy w Łodzi, Łódź kwiecień 2021 r.

<sup>2</sup> [https://barometr.zawodow.pl/forecast-card-zip/2021/report\\_pl/raport\\_wojewodztwo\\_lodzkie\\_2021.pdf](https://barometr.zawodow.pl/forecast-card-zip/2021/report_pl/raport_wojewodztwo_lodzkie_2021.pdf) (accessed: 14.03.2022).

<sup>3</sup> <https://absl.pl/storage/app/uploads/public/5ee/887/8d5/5ee8878d59858995982318.pdf> (accessed: 14.03.2022).

In addition, the Business Council is an important forum for cooperation with the socio-economic environment, the Council cyclically carries out various initiatives in which students of Economics can participate, and which provide an excellent opportunity to communicate with potential employers, including identifying their needs. The Business Council is composed of representatives of the enterprise sector and public institutions. One of the aspects of its activity is organizing meetings of business practitioners with students.

The analysis of data from the Career Office of the University of Lodz and our own sources, allow us to determine that graduates of Economics find employment in the private sector and public institutions.

### **13. Relationship with the mission of the University and its development strategy**

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The curriculum for the course of Economics corresponds to the mission and strategy of the University of Lodz. The mission of the University of Lodz is “to conduct reliable scientific research and actively proclaim the truth resulting from it, so as to wisely educate subsequent generations, be useful to society and boldly respond to the challenges of the modern world”.

The course of Economics is based on the values disseminated in the Strategy of the University of Lodz 2021-2030, it fully implements four main strategic objectives, which are:

1. Dynamic development of scientific potential,
2. Implementation of modern education based on scientific research and cooperation with the environment,
3. Strengthening the importance of the university as an institution creating reality in the environment,
4. Integration and development of the academic community around academic values.

The course of Economics is created for people who want to learn about diverse views and ideas. The study program combines theoretical knowledge with its verification in practice, it corresponds to the flexible demand on the labor market. Students gain a reliable and thorough knowledge of management in a dynamically changing, modern world, they are able to boldly face the challenges and changes in the economic reality in the region. They learn independent and critical thinking, develop their competences, shape social sensitivity and civic attitudes. They not only perceive the university as a place of obtaining a good education, but also a “decent life” in which culture and commitment to the environment play an important role.

Students of the course of Economics are also provided with ethical values, and the community they create knows, respects and has due regard for academic values.

It should be emphasized that the course of Economics is an innovative field, and in the didactic process, apart from reliable and substantive knowledge, students have contact with economic practice. Thanks to this, the importance of the university as an institution creating reality in the economic environment is strengthened. It is also important that the employees of the Institute of Economics cooperate with the business environment in many aspects. This cooperation is to better prepare students for the requirements of the modern, dynamic labor market. Therefore, the activities are based on trainings, lectures and discussion panels organized by companies and aimed at presenting real examples of companies' activities on the market. Students of Economics, in order to use their knowledge in practice, have internships in institutions from the business environment. Considering the above, the course of Economics should be considered consistent with the mission and strategy of the University of Lodz.

#### **14. Differences in relation to other curricula with similarly defined goals and learning outcomes conducted at the University of Lodz**

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The curriculum for the course of Economics clearly stands out from the offer at the Faculty of Economics and Sociology of the University of Lodz because it is the only study conducted in English. The curriculum includes the learning outcomes expected in the courses at another faculty of the University of Lodz - the Faculty of Management, such as Management and Finance (M&F) or Business Management (BM).

The course of Economics, unlike the above-mentioned courses, which focus on specialized areas of knowledge (M&F - specific knowledge on management, finance and accounting, BM - finance, accounting, marketing, law, and international business), is distinguished by the largest of all courses at the University with the participation of subjects that form the basis of the economist's workshop (microeconomics and macroeconomics). As a result, the first-cycle studies in Economics are the only curriculum where students can learn about economics at an advanced level. In combination with a wide range of complementary subjects and a wide range of specialties, the studies make it possible to acquire skills useful for working in analytical and managerial positions in enterprises, banks and financial institutions as well as public administration bodies. They also provide the best preparation for second-cycle studies in economics.

Other differences in relation to the above-mentioned curricula with similarly defined goals and learning outcomes conducted at the University of Lodz include:

- a wide range of didactic activities based on the research and scientific interests of employees and referring to their professional experience gained outside the university,
- flexibility of the curricula - taking into account new knowledge, which is partly the result of research by the educators themselves, and constant adaptation of the curriculum content to the needs of the labor market,
- preparing academic textbooks for courses in Economics,
- increasing level of internationalization of the teaching process - subjects in foreign languages, students from abroad, numerous visits of lecturers to foreign universities.

## **15. Study plan**

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The study plans contain information about the classes carried out in individual semesters, their hourly dimension, forms and ECTS credits assigned to them. Study plans contain information about the implementation of the curriculum during the studies in the semester arrangement and a list of specialty subjects in a modular arrangement.

**Study plan - ECONOMICS - full-time first-cycle studies**

Year	Semester	Subject	CODE	Details								Exam/cr edit with grade	ECTS	Module
				Number of Hours										
				Lecture	Tut. Aud.	Workshop	Computer lab.	Undergrad. semin.	Language	Total				
	1	Microeconomics 1		28	56						84	E	14	MP
	1	History of Economics		14	28						42	E	6	MP
	1	Mathematics 1		28	28						56	E	8	MP
	1	Basics of Law		28							28	Z	4	MP
	1	Basics of Social Communication				14					14	Z	1	MP
	1	Physical Education			30						30	Z	0	MW
<b>Total after 1st semester:</b>											<b>Hours: 254</b>	<b>ECTS: 33</b>		
I	2	Macroeconomics 1		28	28						56	E	9	MP
	2	Accounting and Corporate Finance 1		14	14						28	E	4	MP
	2	Mathematics 2		14	14						28	E	4	MP
	2	Sociology		28							28	Z	2	MP
	2	IT Techniques					14				14	Z	1	MP
	2	Management and Marketing		28							28	Z	3	MP
	2	Foreign Language							56		56	Z	4	MW
	2	Physical Education			30						30	Z	0	MW
<b>Total after 2nd semester:</b>											<b>Hours: 268</b>	<b>ECTS: 27</b>		
	3	Accounting and Corporate Finance 2		28	42						70	E	9	MP
	3	Basics of International Economics		14	28						42	E	5	MP
	3	Environmental Economics		14	14						28	E	4	MP
	3	Statistics		14			28				42	E	5	MP
	3	Elective Seminar			28						28	Z	4	MP
	3	Foreign Language							56		56	Z	4	MW
<b>Total after 3rd semester:</b>											<b>Hours: 266</b>	<b>ECTS: 31</b>		
II	4	Microeconomics 2		14	28						42	E	7	MP
	4	Main Trends in Contemporary Economics		14							14	Z	1	MP
	4	Econometrics		28			28				56	E	7	MP
	4	Speciality Module									126	Z	11	MW
	4	Foreign Language							28		28	E	3	MW
<b>Total after 4th semester:</b>											<b>Hours: 266</b>	<b>ECTS: 29</b>		
	5	Macroeconomics 2		28	28		14				70	E	8	MP
	5	Thematic Seminar (in English)			28						28	Z	2	MP
	5	Elective Lectures		28							28	Z	5	MW
	5	Speciality Module									98	Z	8	MW
	5	Undergraduate Thesis Seminar						28			28	Z	3	MW
	5	Internship									120	Z	4	MW
<b>Total after 5th semester:</b>											<b>Hours: 372</b>	<b>ECTS: 30</b>		
III	6	Seminar on Economics (in English)			28						28	Z	5	MP
	6	Elective Lectures in a Foreign Language		28							28	Z	4	MW
	6	Speciality Module									112	Z	10	MW
	6	Undergraduate Thesis Seminar						28			28	Z	5	MW
	6	Degree Examination									0	E	6	MW
<b>Total after 6th semester:</b>											<b>Hours: 196</b>	<b>ECTS: 30</b>		
<b>GRAND TOTAL:</b>											<b>Hours: 1622</b>	<b>ECTS: 180</b>		

Registration for the undergraduate thesis seminar and the specialty module takes place through registration in the USOSweb system ([www.usosweb.uni.lodz.pl](http://www.usosweb.uni.lodz.pl)) and takes place in two stages. In the first stage of registration, the average grade for the first year of study is taken into account. The second stage takes place on a first-come, first-served basis. The moment of registering for the course counts.

Registration for elective classes (elective lectures, elective lectures in a foreign language) by way of registration takes place on a first-come, first-served basis. The moment of registering for the course counts. The number of class groups is in accordance with the applicable regulations within the University of Lodz and faculty arrangements.

*Study plan - ECONOMICS - full-time first-cycle studies*  
*ECO-BUSINESS specialization module*

year	semester	Speciality module course	Details							
			CODE	Number of hours				Exam/credit with grade	ECTS	
				lectures	tutorial	workshop	computer lab.			Total
II	4	Sustainable development		28	28			56	Z	5
	4	Basics of environmental law		14				14	Z	1
	4	Innovation and ecological investments		14				14	Z	1
	4	Basics of environmental engineering		14	28			42	Z	4
III	5	Corporate social responsibility		28				28	Z	2
	5	Environmental policy of Poland and the EU		28				28	Z	2
	5	Waste management and water and wastewater management		28	14			42	Z	4
	6	Environmental goods and services markets		14	14			28	Z	3
	6	Ecosystems management		14	14			28	Z	3
	6	Public procurement market in environmental protection		28				28	Z	2
	6	Activities of the international community for environmental protection		28				28	Z	2
<b>Specialty module: Eco-business</b>							<b>Hours: 336</b>	<b>p. ECTS: 29</b>		

*Study plan - ECONOMICS - full-time first-cycle studies*

*QUANTITATIVE METHODS IN BUSINESS AND ECONOMICS specialization module*

year	semester	Speciality module course	Details							
			CODE	Number of hours				Exam/credit with grade	ECTS	
				lectures	tutorial	workshop	computer lab.			Total
II	4	Market Research and Consumer Behaviour					28	28	Z	2
	4	Topics in Microeconomics		14	14			28	Z	3
	4	Spreadsheets					42	42	Z	3
	4	Financial markets		14			14	28	Z	3
III	5	Time Series Modelling		14			28	42	Z	3
	5	Topics in Macroeconomics		14	14			28	Z	3
	5	Facilitation and presentation techniques				28		28	Z	2
	6	Analysis of Cross-Section and Panel Data		14			14	28	Z	3
	6	Introduction to Big Data		14			14	28	Z	3
6	Applied Economic Analysis					56	56	Z	4	
<b>Specialty module: QUANTITATIVE METHODS IN BUSINESS AND ECONOMICS</b>							<b>Hours: 336</b>	<b>p. ECTS: 29</b>		

*Study plan - ECONOMICS - full-time first-cycle studies*  
**INTERNATIONAL BUSINESS specialization module**

year	semester	Speciality module course	CODE	Details					Exam/credit with grade	ECTS
				Number of hours						
				lectures	tutorial	workshop	computer lab.	Total		
II	4	International Business Transactions		28				28	Z	2
	4	International Business Payments			28			28	Z	3
	4	International Marketing		14	28			42	Z	4
	4	Internationalization of Firms		14				14	Z	1
	4	International Logistics				14		14	Z	1
III	5	Customs Policy and Customs Clearance Procedures		28				28	Z	2
	5	International Trade Missions, Fairs and Exhibitions				14		14	Z	1
	5	CSR in International Business			28			28	Z	3
	5	International Business Competitiveness				28		28	Z	2
	6	Techniques of Sales and Negotiations			28			28	Z	3
	6	International E-commerce				28		28	Z	2
	6	International Business Insurance			28			28	Z	3
	6	Public Support for International Business		28				28	Z	2
<b>Speciality module: INTERNATIONAL BUSINESS</b>								<b>Hours: 336</b>	<b>p. ECTS: 29</b>	

**16. The balance of ECTS credits together with indicators characterizing the curriculum**

The number of semesters and the total number of ECTS credits a student needs to earn in order to obtain specific qualifications	<b>6 semesters, 180 ECTS credits</b>
The total number of hours of classes, including internships, which a student must complete during the course of study; in the case of specializations/modules/elective courses with different number of hours - the highest total number of hours	<b>1622</b>
Total number of ECTS credits that the student must obtain under contact classes (requiring direct	<b>112</b> (ECTS credits for a subject are awarded in full after verifying the achievement of the assumed learning



<p>participation of lecturers and students)</p>	<p>outcomes, and not separately for individual components (contact hours, current work and preparation to obtain a course credit). The curriculum includes classes with direct participation of lecturers and students for each subject. Work with the direct participation of academic teachers or other persons conducting classes and students takes place both as part of classes planned in individual semesters, as well as part of work on projects, workshops, preparation of individual and group projects by students, final essays, etc. The requirement to implement these forms of classes with the direct participation of academic teachers or other persons conducting classes and students is presented to students in the descriptions of the subjects (in the descriptions of the conditions for passing the subjects and the methods and criteria of assessment). Students are therefore informed about the necessity to consult the effects of their own work under the contact hours, both in the study regulations (provision on the obligation to participate in classes) and in detail during classes by the teachers and in the subject syllabuses. At the Faculty of Economics and Sociology, the ongoing control of obtaining ECTS credits by students as part of contact classes is implemented by the teachers who conduct classes and is comprehensively controlled by the management and consultation boards of individual institutes.</p>
<p>The total number of ECTS credits that a student must obtain under the classes that develop practical skills</p>	<p><b>43</b></p>

Number of ECTS credits that a student must obtain while implementing education modules in the field of university-wide classes or in another field of study, if the curriculum provides for them	<b>0</b> (The curriculum does not provide for university-wide classes)
The minimum number of ECTS credits that a student must obtain during classes in the field of humanities	field of humanities – <b>6 ECTS</b>
The total number of ECTS credits that a student must obtain during the elective classes	<b>64</b>

## **17. Description of the process leading to the achievement of the learning outcomes:**

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### **a) description subjects in accordance with the requirements in force in this regard at the University of Lodz**

The description of individual subjects included in the study plans for Economics is compliant with the requirements applicable in this respect at the University of Lodz and is included in the syllabuses.

The syllabus contains detailed information on the number of hours of classes, taking into account forms of education, number of ECTS credits, description of learning outcomes (knowledge, skills, and competences), curriculum content, forms of education and the way of verifying learning outcomes.

The comprehensive characterization of learning outcomes for Economics includes study plans, a description of subjects included in the syllabuses and a matrix of learning outcomes. Descriptions of individual subjects will be available at USOSweb before the commencement of classes. Descriptions of individual subjects will be available at USOSweb before the commencement of classes.

**b) table specifying the relationship between the course related outcomes and learning outcomes defined for individual subjects or modules of the learning process**

The matrix of learning outcomes determines the relationship between the learning outcomes defined for the curriculum (course related outcomes) with the learning outcomes defined for individual subjects (modules). Due to the specificity of the course, specialty outcomes were also taken into account.

The analysis of matrices makes it possible to conclude that the implementation of the first-cycle curriculum in Economics ensures achievement of the anticipated learning outcomes (all course learning outcomes are covered by learning outcomes related to particular subjects). In the case of specialties, the matrices show the learning outcomes defined for each specialty. The reference to the course related learning outcomes is shown in Tables 2A-2C.

**Matrix of learning outcomes for the course of Economics**

Subjects  Learning outcomes	Microeconomics 1	Microeconomics 2	Macroeconomics 1	Macroeconomics 2	Accounting and Corporate Finance 1	Accounting and Corporate Finance 2	Statistics	Econometrics	History of Economics	Basics of International Economics	Environmental Economics	Mathematics 1	Mathematics 2	Sociology	Basics of Law	Management and Marketing	Main Trends in Contemporary Economics	IT techniques	Basics of social communication	Thematic Seminar (in English)	Seminar on Economics (in English)	Elective Seminar	Elective Lectures in a Foreign Language	Elective Lectures	Internship	Foreign Language	Undergraduate Thesis Seminar	Degree Examination	Physical education	
	Knowledge																													
06E-1A_W01	+	+	+	+	+	+			+	+	+						+			+	+	+	+	+	+		+	+		
06E-1A_W02														+	+	+								+						
06E-1A_W03	+	+	+	+					+	+														+						
06E-1A_W04	+	+	+	+		+				+	+					+	+			+				+					+	
06E-1A_W05											+													+						
06E-1A_W06							+	+		+														+	+				+	
06E-1A_W07						+	+	+				+	+					+												
06E-1A_W08															+											+		+		

**Matrix of learning outcomes for the course of Economics**

Subjects  Learning outcomes	Microeconomics 1	Microeconomics 2	Macroeconomics 1	Macroeconomics 2	Accounting and Corporate Finance 1	Accounting and Corporate Finance 2	Statistics	Econometrics	History of Economics	Basics of International Economics	Environmental Economics	Mathematics 1	Mathematics 2	Sociology	Basics of Law	Management and Marketing	Main Trends in Contemporary Economics	IT techniques	Basics of social communication	Thematic Seminar (in English)	Seminar on Economics (in English)	Elective Seminar	Elective Lectures in a Foreign Language	Elective Lectures	Internship	Foreign Language	Undergraduate Thesis Seminar	Degree Examination	Physical education	
	Skills																													
06E-1A_U01	+	+	+	+			+	+	+	+	+						+			+	+	+	+	+	+		+	+		
06E-1A_U02	+	+	+	+		+	+	+	+	+	+			+	+	+	+	+	+		+			+	+			+	+	
06E-1A_U03							+	+																						
06E-1A_U04	+	+	+	+	+	+			+	+	+			+	+	+	+	+	+	+	+	+	+	+			+	+	+	
06E-1A_U05					+	+	+	+				+	+			+		+	+											
06E-1A_U06		+		+			+	+	+										+		+	+	+	+				+	+	
06E-1A_U07															+	+			+	+		+	+			+		+		
06E-1A_U08																					+	+		+			+			

**Matrix of learning outcomes for the course of Economics**

Subjects  Learning outcomes	Microeconomics 1	Microeconomics 2	Macroeconomics 1	Macroeconomics 2	Accounting and Corporate Finance 1	Accounting and Corporate Finance 2	Statistics	Econometrics	History of Economics	Basics of International Economics	Environmental Economics	Mathematics 1	Mathematics 2	Sociology	Basics of Law	Management and Marketing	Main Trends in Contemporary Economics	IT techniques	Basics of social communication	Thematic Seminar (in English)	Seminar on Economics (in English)	Elective Seminar	Elective Lectures in a Foreign Language	Elective Lectures	Internship	Foreign Language	Undergraduate Thesis Seminar	Degree Examination	Physical education
	Social competencies																												
06E-1A_K01	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
06E-1A_K02		+		+				+	+	+	+						+		+	+	+			+			+	+	
06E-1A_K03	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+	
06E-1A_K04							+	+									+		+		+							+	+
06E-1A_K05																+		+	+		+					+		+	+
06E-1A_K06											+			+	+				+						+		+		
06E-1A_K07																				+	+			+				+	
06E-1A_K08															+													+	

Table 2A *Matrix of learning outcomes for the Eco-business specialty*

Subjects  Learning outcomes	Sustainable development	Basics of environmental law	Innovation and ecological investments	Basics of environmental engineering	Corporate social responsibility	Environmental policy of Poland and the EU	Waste management and water and wastewater management	Environmental goods and services markets	Ecosystems management	Public procurement market in environmental protection	Activities of the international community for environmental protection
	<b>Knowledge</b>										
06EB1A_W01	+				+	+					+
06EB1A_W02	+	+	+	+	+	+	+	+	+	+	+
06EB1A_W03	+	+	+	+	+						
06EB1A_W04						+	+	+	+	+	+
06EB1A_W05		+	+	+			+				+
06EB1A_W06		+				+		+		+	+
06EB1A_W07	+				+			+		+	
06EB1A_W08		+				+				+	+
06EB1A_W09	+	+			+	+					+
06EB1A_W10		+				+	+	+		+	+
<b>Skills</b>											
06EB1A_U01	+				+			+	+	+	
06EB1A_U02		+				+		+		+	+
06EB1A_U03						+					+
06EB1A_U04			+		+		+	+	+	+	
06EB1A_U05		+				+					+
06EB1A_U06	+		+		+	+		+	+	+	+
06EB1A_U07	+		+	+	+	+	+		+	+	+
06EB1A_U08			+	+	+		+		+		
06EB1A_U09	+	+	+	+	+	+	+	+	+	+	+
06EB1A_U10	+		+	+	+		+	+	+	+	
06EB1A_U11	+	+	+	+	+	+	+	+	+	+	+
06EB1A_U12	+			+			+	+	+		
06EB1A_U13	+			+			+	+	+		
06EB1A_U14		+				+					+
<b>Social competencies</b>											
06EB1A_K01	+		+				+				
06EB1A_K02	+			+			+	+	+		
06EB1A_K03	+				+		+				
06EB1A_K04	+				+		+	+		+	

Table 2B *Matrix of learning outcomes for the Quantitative methods in business and economics specialty*

Subjects Learning outcomes	Market Research and Consumer Behaviour	Topics in Microeconomics	Spreadsheets	Financial markets	Time Series Modelling	Topics in Macroeconomics	Facilitation and presentation techniques	Analysis of Cross-Section and Panel Data	Introduction to Big Data	Applied Economic Analysis
<b>Knowledge</b>										
06EI1A_W01		+				+				
06EI1A_W02		+	+	+	+			+		+
06EI1A_W03		+								+
06EI1A_W04	+		+				+		+	
06EI1A_W05	+				+			+	+	
<b>Skills</b>										
06EI1A_U01	+	+	+	+	+	+		+	+	+
06EI1A_U02		+				+				+
06EI1A_U03			+	+	+			+	+	+
06EI1A_U04		+				+				+
06EI1A_U05	+						+			+
<b>Social competencies</b>										
06EI1A_K01		+				+				+
06EI1A_K02	+		+	+	+			+	+	
06EI1A_K03		+				+	+			+



Table 2C *Matrix of learning outcomes for the International business specialty*

Subjects  Learning Outcomes	International Business Transactions	International Business Payments	International Marketing	Internationalization of Firms	International Logistics	Customs Policy and Customs Clearance Procedures	International Trade Missions, Fairs and Exhibitions	CSR in International Business	International Business Competitiveness	Techniques of Sales and Negotiations	International E-commerce	International Business Insurance	Public Support for International Business
	<b>Knowledge</b>												
06EG1A_W01	+	+			+		+					+	
06EG1A_W02			+					+					
06EG1A_W03	+	+	+	+	+				+	+	+	+	+
06EG1A_W04				+		+							
06EG1A_W05			+						+		+		
06EG1A_W06												+	
06EG1A_W07		+											
06EG1A_W08					+								
06EG1A_W09													+
06EG1A_W10				+									
06EG1A_W11								+					
<b>Skills</b>													
06EG1A_U01	+											+	
06EG1A_U02			+	+	+	+	+	+	+				+
06EG1A_U03	+										+		
06EG1A_U04	+									+		+	
06EG1A_U05		+											
06EG1A_U06			+								+		
06EG1A_U07						+							
06EG1A_U08						+							
06EG1A_U09												+	
06EG1A_U10					+								
<b>Social competencies</b>													
06EG1A_K01			+	+					+				
06EG1A_K02	+	+	+	+	+			+	+			+	+
06EG1A_K03						+			+		+		
06EG1A_K04	+							+		+			
06EG1A_K05			+						+				
06EG1A_K06							+			+			
06EG1A_K07								+					
06EG1A_K08													+
06EG1A_K09	+	+	+	+	+	+	+	+	+			+	

**c) dimension, rules and forms of internships**

Students of Economics are required to undergo four-week (120h) internships after completing their second year of study. The goal of student internships is to strengthen the learning outcomes (06E-1A\_U02; 06E-1A\_U07; 06E-1A\_K05) through the practical application and verification of knowledge acquired by students during studies, as well as deepening the knowledge, skills and social competences of the student by experience and learning related to the implementation of vocational internships. The learning outcomes achieved in this way are important from the point of view of fulfilling certain functions in business entities, public institutions or non-governmental sector organizations.

Detailed rules for the implementation of student internships are set out in the Regulations of student internships for the first-cycle and second-cycle students at the Faculty of Economics and Sociology, University of Lodz, Student's internship program prepared individually for the course of Economics and an agreement concluded between the University of Lodz and the unit taking a student for internship. The student is under the current care and supervision of supervisors of internship (the Economics Supervisor of the Student Internship appointed at the Faculty of Economics and Sociology, as well as the Internship Supervisor in the institution where the internship is implemented) both before the internship, during the search and preparation for internship as well as during the internship. As a result, the implementation of the internship is subject to ongoing control, assessment and adjustment of activities. The Economics Supervisor decides to credit the student's internship by making an entry in the USOS. In addition, the Economics Supervisor of the Student Internship conducts random control of the course of internship.

Coordination of traineeships and internships is carried out by the Center for Training and Internships (CSiPZ) at the Faculty of Economics and Sociology. The tasks of the CSiPZ include the coordination of the internship process at particular courses of study, including Economics, the organization of specialist trainings not included in the curriculum, and the acquisition of new enterprises for cooperation. The CSiPZ cooperates directly with strategic internship providers and partners of the course of Economics. In addition, the Center for Training and Internships participates in the organization of training and workshops for students under the Faculty Training System.

The number of ECTS credits envisaged for internships in this dimension is 4.

**d) classes preparing students for conducting research at first-cycle studies**

During studies in the course of Economics many subjects prepare students to conduct scientific research. During studies in Economics, many subjects prepare students to conduct scientific research. These are subjects educating in the field of research methodology, providing research tools and subjects aimed at teaching how to conduct scientific analysis. Preparation for research is carried out with the use of advanced information technologies in subjects such as statistics or econometrics. An undergraduate seminar plays an important role in this process.

**e) a list and volume of mandatory training, including health and safety training and training on the protection of intellectual property and copyright**

Students who begin first-cycle studies are required to undergo training in occupational health and safety and fire protection, in accordance with the Regulation of the Rector of the University of Lodz and library training, as well as training in copyright law.

1.	<b>Course title</b>	<b>Microeconomics 1</b>
2.	Number of hours per course/ type of class	Lecture: 28 hours Practice class: 56 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	14
7.	Shortened (general) course description	The aim of the course is to familiarize students with the problems of functioning of the market economy and its main actors: product markets, households, and firms. Special coverage is also given to some topics from the theory of public choice including the problem of externalities and public goods.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	Student should have basic knowledge of mathematics.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course- specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- knows the terminology used in economics and understands its sources and applications within the field of microeconomics (06E-1A_W01),</li> <li>- knows the key events in the history of the world economy and the ways of assessing and interpreting their causes and effects from the point of view of the most important microeconomic theories (06E-1A_W03),</li> <li>- has advanced knowledge of the behavior of firms and households and knows how the environment affects market decisions (06E-1A_W04).</li> </ul> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- can make observations of microeconomic phenomena and interpret the relationships between the factors that cause them, using the right analytical tools (06E-1A_U01),</li> <li>- can use advanced theoretical knowledge in the field of microeconomics and related disciplines in order to formulate practical conclusions useful for decision-makers, as well as to analyze and interpret various economic problems; in addition, can critically choose methods of analysis (06E-1A_U02),</li> <li>- can accurately and consistently express himself/herself in speech and writing on topics concerning various microeconomic issues and lying on the borderline of various scientific disciplines; in addition, is able to present the substantive justification of the opinions presented (06E-1A_U04).</li> </ul> <p><b>Social competencies</b> Student:</p> <ul style="list-style-type: none"> <li>- is aware of the level of his knowledge, makes self-assessment of his own competences, can complement and improve acquired knowledge and skills (06E-1A_K01),</li> <li>- formulates his/her own position, choosing arguments for its support, but also is flexible and able to conduct discussions on topics related to microeconomics, including arguments for other views. (06E-1A_K03).</li> </ul>

1.	<b>Course title</b>	<b>History of Economics</b>
2.	Number of hours per course/ type of class	Lecture: 14 hours Practice class: 28 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	6
7.	Shortened (general) course description	The course involves the origins and stages of the market economy by encouraging students to study historical material associated with economic aspects. It supports the critical and analytical approach to the history of economic thought. The accent is put on shaping the world population, income, international trade and global processes
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	Knowledge of European political history of (high school level).
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course- specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- knows the terminology used in economics and understands its sources and applications within the social sciences and humanities (06E-1A_W01),</li> <li>- knows the key events in the history of the world economy and the ways of assessing and interpreting their causes and effects from the point of view of the most important economic theories and the dilemmas of modern civilization (06E-1A_W03).</li> </ul> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- is able to make observations of various economic phenomena with the indication of their causes, using advanced analytical tools (06E-1A_U01),</li> <li>- is able to use advanced knowledge of economics and related sciences (including humanities) in order to formulate practical conclusions useful to decision makers, as well as in the analysis of a variety of economic problems (06E-1A_U02),</li> <li>- is able to express himself/herself precisely on topics related to selected economic issues, using various theoretical approaches from the field of economics and related disciplines (06E-1A_U04),</li> <li>- has the ability to independently collect, select and process information on history of economics, and can identify gaps in his/her knowledge and independently supplement them (06E-1A_U06).</li> </ul> <p><b>Social competencies</b> Student:</p> <ul style="list-style-type: none"> <li>- is aware of the level of his/her knowledge, self-evaluates his/her own competences, can complement, and improve acquired knowledge and skills, understands the need for lifelong learning (06E-1A_K01),</li> <li>- is aware of limitations of known economic theories and research methods; creatively seeks solutions to problems posed to him (06E-1A_K02),</li> <li>- formulates his/her own position, choosing arguments to support it, is able to conduct discussion; is flexible and open to the opinions of others (06E-1A_K03).</li> </ul>

<b>1.</b>	<b>Course title</b>	<b>Mathematics 1</b>
2.	Number of hours per course/ type of class	Lecture: 28 hours Practice class: 28 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	8
7.	Shortened (general) course description	The course aims to provide students with the fundamental differential and integral calculus tools necessary for describing and analysing economic phenomena.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	The requirements are skills from the secondary level in precalculus, algebra and trigonometry. They include linear, polynomial and rational, exponential, logarithmic, and trigonometric functions.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course- specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge:</b> The students develop knowledge of mathematical tools, mainly:</p> <ul style="list-style-type: none"> <li>- they know the basic properties of elementary functions,</li> <li>- they understand the main concepts of calculus: derivatives as rates of change, integrals as generalised sums,</li> <li>- they define and interpret marginal functions and elasticity functions in economics,</li> <li>- they distinguish between types of integrals,</li> <li>- they describe methods of solving applied max/min problems,</li> <li>- they describe methods of solving ordinary differential equations,</li> <li>- they know the essential properties of vectors and matrices,</li> <li>- they understand the primary objects in 2D- and 3D -space: vectors, lines and planes,</li> <li>- they describe methods of solving systems of linear equations.</li> </ul> <p>(06E-1A_W07)</p> <p><b>Skills</b> After completing the course, students:</p> <ul style="list-style-type: none"> <li>- evaluate the properties of a graph of a function using the concept of limit, continuity and derivatives of functions</li> <li>- analyse properties of functions by examining their first and second derivatives</li> <li>- apply the main rules and techniques of integration to calculate indefinite and definite integrals</li> <li>- demonstrate some chosen techniques of solving ordinary differential equations</li> <li>- use the most important operations on matrices</li> <li>- find the length of vectors and angle between vectors</li> <li>- demonstrate selected techniques for solving linear systems of equations.</li> <li>- apply the rules of differentiation to differentiate functions</li> <li>- apply differentiation to solve applied max/min problems</li> <li>- find a local linear approximation of functions,</li> <li>- describe some phenomena in economics using mathematical language and apply calculus to solve related rates and max/min problems.</li> </ul> <p>(06E-1A_U05)</p> <p><b>Social competences</b> After completing the course, student:</p> <ul style="list-style-type: none"> <li>- follows the rules of logic,</li> <li>- demonstrates an understanding of the fundamental concepts of calculus and linear algebra and their applications in economics.</li> </ul> <p>(06E-1A_K01, 06E-1A_K03)</p>

<b>1.</b>	<b>Course title</b>	<b>Basics of Law</b>
2.	Number of hours per course/ type of class	Lecture: 28 hours
3.	Assessment form	Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	4
7.	Shortened (general) course description	The lecture should enable students to applying legal methods and to understand some concepts of jurisprudence and comparative law on a very basic level. The student should be able to point out the major differences among the continental legal systems (German, French, Polish) and the legal systems based on precedent (English and American law) and to be familiar with the notion of law and system of law, with a special regard to the unique character of the EU law. He or she should be able to analyse the role of some institutional lawgivers (parliaments, governments), various sources of law (statutes, regulations etc.), roles of courts and judges in the process of application of law. The student shall be familiar with reflection on the rules, legal principles, legal institutions and with the meaning of basic ideas, such as: justice, democracy and the rule of law.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	No requirements Good workable English
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	Students will be able to the conduct some analysis of the legal text: both statute and precedent within different legal systems (comparative method) and to compare them, to analyse the meaning of a legal act and judicial decision, to use the functional analysis of particular institutions of law: domestic and international. Construction and interpretation could thus be regarded as basic skills acquired by the students, who should be able to locate, understand, and interpret written information in the legal text. Additionally students could also be able to recognize legal problems in hypothetical situations and to identify possible solutions, especially in respect to the crucial issue in a court case and the potential application of the rule in the case to other cases with similar facts and circumstances. The above course learning outcomes correspond with the 06E-1A_W01, 06E-1A_W08 (knowledge); 06E-1A_U02, 06E-1A_U04 and 06E-1A_U07 (skills); 06E-1A_K01, 06E-1A_K03, 06E-1A_K06 and 06E-1A_K08 (social competences) effects in the programme's competency matrix.

1.	<b>Course title</b>	<b>Basics of Social Communication</b>
2.	Number of hours per course/ type of class	Workshop: 14 hours
3.	Assessment form	Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	1
7.	Shortened (general) course description	During the course students acquire communication skills in various every day and public communication backgrounds. They learn and practice the principles of effective interpersonal communication, also in the professional context. The course participants develop public speaking skills and practice presenting their own state point in public debates, they learn the principles of effective communication through electronic media and how to respond to negative communication behaviours.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	No requirements
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course- specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- describes the essence of communication process, explains its principles, points out probable communication barriers and conditions of effective communication,</li> <li>- knows the principles of debates, public speaking and mass media presentations. Student understands opportunities and methods of new media communication. (06E-1A_W04).</li> </ul> <p><b>Skills:</b> Student:</p> <ul style="list-style-type: none"> <li>- applies social communication knowledge in various fields, especially in education and workplace, (06E-1A_U02; 06E-1A_U07)</li> <li>- is capable of speaking in public and taking part in public debates,</li> <li>- can communicate through writing, uses successfully the means of new media, (06E-1A_U04; 06E-1A_U05).</li> </ul> <p><b>Social competencies</b> Student:</p> <ul style="list-style-type: none"> <li>- is ready to develop and complement acquired knowledge and skills concerning social communication. (06E-1A_K01; 06E-1A_K02),</li> <li>- willingly expresses own opinions and non-violently answers to opinions of the others (06E-1A_K03; 06E-1A_K05; 06E-1A_K06),</li> <li>- is able to analyze critically medial content and to express feedback (06E-1A_K04).</li> </ul>



1.	<b>Course title</b>	<b>Macroeconomics 1</b>
2.	Number of hours per course/ type of class	Lecture: 28 hours Practice class: 28 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	9
7.	Shortened (general) course description	The purpose of this course is to provide students with a fundamental understanding of the principles, concepts and theories of macroeconomics. The course will explain how a country's economy works and present the main rules of macroeconomic policy.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	Student should understand how particular households or enterprises behave, in particular how they might react to certain incentives. Such knowledge is provided on the course of Microeconomics 1.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course- specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> During the course the student learns about basic macroeconomic theories and how they evolved in the context of historical events. The students also learn about the interactions between the macroeconomic environment and the decisions of particular economic agents. The above course learning outcomes correspond with the 06E-1A_W01, 06E-1A_W03 and 06E-1A_W04 (knowledge) effects in the programme's competency matrix.</p> <p><b>Skills</b> The student also gains the ability to interpret the past and contemporary events and to present examples for the mechanisms discussed during the course, which corresponds with the 06E-1A_U01, 06E-1A_U02 and 06E-1A_U04 (skills) effects in the programme's competency matrix.</p> <p><b>Social competencies</b> Finally, as the student learns to specifically formulate opinions and has to complement the class contents with proper reading, the course also facilitates gaining 06E-1A_K01 and 06E-1A_K03 (competences) effects in the programme's competency matrix.</p>

1.	Course title	<b>Accounting and Corporate Finance 1</b>
2.	Number of hours per course/ type of class	Lecture: 14 hours Practice class: 14 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	4
7.	Shortened (general) course description	The aim of the course: Introduction to the issues related to financial reporting based on international standards. The specific objectives: To familiarize students with the issues concerning the accounting and financial reporting. The particular emphasis will be on put on accounting policies, methods of recording business transactions and preparation of financial statement (balance sheet and income statement).
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	Basic knowledge about the company activity.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p>By participating in the course, the students will be able to understand the role and importance of accounting and financial reporting for the functioning of the enterprise.</p> <p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- knows the process of regulation and areas of application of IAS/IFRS and have an in-depth understanding of the IAS/IFRS financial accounting and reporting systems (06E-1A_W01),</li> <li>- is familiar with the selected valuation models and the principles for the recognition and presentation of the components of financial statements in accordance with IAS/IFRS (06E-1A_W01),</li> <li>- knows how to present selected economic operations (06E-1A_W01).</li> </ul> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- is able to identify the components of the financial statement (06E-1A_U04),</li> <li>- efficiently use the key IAS/IFRS regulations to recognize, value and present the components of the financial statement (06E-1A_U04),</li> <li>- has the ability to work independently and cooperate in a team, in order to use the international accounting regulations for the analysis of economic events/ financial phenomena as well as the valuation of components of financial statements (06E-1A_U05).</li> </ul> <p><b>Social competencies</b> Student:</p> <ul style="list-style-type: none"> <li>- understands the need for continuous further training (06E-1A_K01),</li> <li>- independently supplement the knowledge of accounting international accounting regulations (06E-1A_K03),</li> <li>- have an ability to develop learning skills that allow them to continue to study at an advanced level (06E-1A_K01).</li> </ul>

<b>1.</b>	<b>Course title</b>	<b>Mathematics 2</b>
2.	Number of hours per course/ type of class	Lecture: 14 hours Practice class: 14 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	4
7.	Shortened (general) course description	The course aims to provide students with the fundamental multivariate calculus necessary for describing and analyzing economic phenomena.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	The requirements are introductory calculus and linear algebra. They include derivatives, integrals, vectors and matrices.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course- specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge:</b> The students develop knowledge of mathematical tools, mainly:</p> <ul style="list-style-type: none"> <li>- describe methods of solving systems of linear equations,</li> <li>- define quadratic forms and assess their definiteness,</li> <li>- understand the basic concepts of several-variables calculus: partial derivatives as rates of change,</li> <li>- define and interpret gradient, tangent plane, Hessian matrix and quadratic approximation formula,</li> <li>- define and interpret essential marginal and partial elasticity functions in economics,</li> <li>- distinguish between types of stationary points for functions of several variables,</li> <li>- understand the notions of level curves, implicit function and marginal rate of substitution,</li> <li>- present sufficient and necessary conditions for local extreme points</li> <li>- define the Lagrange function for the constraints optimisation problems.</li> </ul> <p>(06E-1A_W07).</p> <p><b>Skills:</b> After completing the course, students:</p> <ul style="list-style-type: none"> <li>- demonstrate selected techniques for solving linear systems of equations,</li> <li>- apply leading principal minors to verify matrix definiteness,</li> <li>- find and sketch the graph of level curves,</li> <li>- apply the rules of differentiation to differentiate several-variables and implicit functions,</li> <li>- apply differential calculus to solve applied max/min problems with or without constraints,</li> <li>- find a local linear/quadratic approximation of several variables functions,</li> <li>- describe some phenomena in economics using mathematical language and apply calculus to solve related max/min problems.</li> </ul> <p>(06E-1A_U05).</p> <p><b>Social competences:</b> Students:</p> <ul style="list-style-type: none"> <li>- follow the rules of logic,</li> <li>- demonstrate an understanding of the fundamental concepts of calculus and linear algebra and their applications in economics.</li> </ul> <p>(06E-1A_K01, 06E-1A_K03)</p>

1.	<b>Course title</b>	<b>Sociology</b>
2.	Number of hours per course/ type of class	Lecture: 28 hours
3.	Assessment form	Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	2
7.	Shortened (general) course description	The aim of the course is to provide students with an understanding of how to identify, describe and interpret group phenomena and processes in society. During the course, students will learn how sociological analysis can help in understanding the logic of social processes and changes in the contemporary society.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	No requirements
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student: -has knowledge on basic sociological concepts and socio-economic phenomena ongoing in the contemporary society and knows what are the relationships of this discipline with other social sciences (06E-1A_W02).</p> <p><b>Skills</b> Student: - is able to use the knowledge in the field of sociology to analyze and interpret complex social problems (06E-1A_U02), - can formulate a coherent and logically correct statement using sociological concepts to explain the course of social processes (06E-1A_U04).</p> <p><b>Social competencies</b> Student: - is aware of the level of his knowledge and skills relating to sociology and understands the necessity of training (06E-1A_K01), - is able to express and support his opinion with appropriate argumentation as well as to recognize other, competing arguments and views (06E-1A_K03), - understands the need to respect copyright and intellectual property, and is aware of the existence of normative conditions both in the field of science and in the area of professional activities (06E-1A_K06).</p>

1.	Course title	IT Techniques
2.	Number of hours per course/ type of class	Computer laboratory: 14 hours
3.	Assessment form	Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	1
7.	Shortened (general) course description	<p>The aim:</p> <ol style="list-style-type: none"> <li>1. Spreadsheets charting operations; selected functions; advanced arithmetic formulae; relative versus absolute addressing; finding a record matching a given criterion; simple criterion, complex criterion; economic data analysis; pivot tables.</li> <li>2. The basic concept of algorithms in the context of process modeling; definition of algorithms; characteristics (finite number of steps, precise, unambiguous, flow of control from one process to another, terminate); identifying ways of representing algorithms; representation of algorithms as flowcharts; use of flowchart symbols (input/output, process, decision, directional arrows).</li> <li>3. Text processing styles and proper formatting, numbering (header levels, multiple level lists) automated index and table of contents creation use of headers, footers, footnotes and endnotes appropriately use mail-merge facilities.</li> </ol>
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	Basic skills in office applications (Microsoft or Libre Office).
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student: - knows the quantitative tools used in economic research and how to solve decision-making problems, with the use of computer techniques. (06E-1A_W07).</p> <p><b>Skills</b> Student: - has research skills allowing for indicating with the use of selected information technology, - is able to make statements, reports, analyzes and expertise to help make the correct economic decisions with the use of available software. (06E-1A_U02, 06E-1A_U04, 06E-1A_U05, 06E-1A_U06, 06E-1A_U07).</p> <p><b>Social competences</b> Student: - is aware of the advantages and limitations of the methods basing on the information technology, can be critical, yet open to the use of new, unconventional methods, capable of searching for alternative optimal solutions to analyze the problems, cares about the accuracy of the data collected and conducts analysis using information technology, - has gained logical and analytical thinking, is capable of independent research, is critical of the results of own work. (06E-1A_K01, 06E-1A_K03, 06E-1A_K05).</p>

1.	<b>Course title</b>	<b>Management and Marketing</b>
2.	Number of hours per course/ type of class	Lecture: 28 hours
3.	Assessment form	Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	3
7.	Shortened (general) course description	The goal of the subject is to familiarise the students with the basic problems of management and marketing. The topics covered concern, amount others, the features of a good manager, elements of planning and decision making, strategic planning, problem solving, designing the organisational structure and marketing connected mostly with modern online solutions.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	Basic knowledge from the field of economics.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- has basic knowledge of management and marketing and their relationship to economics (06E-1A_W02)</li> <li>- knows principles of basic organization analyses, both internal and external (06E-1A_W04)</li> </ul> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- is able to use the basic theoretical knowledge from the field of management and marketing in developing own works for assignment (06E-1A_U02)</li> <li>- can accurately and consistently express himself/herself in speech and writing on topics related to management and marketing (06E-1A_U04)</li> <li>- can draw up statements, reports, analyzes and expert reports to help make correct business decisions (06E-1A_U05)</li> <li>- can work in a team during developing a project related to topics connected management and marketing (06E-1A_U07)</li> </ul> <p><b>Social competencies</b> Student:</p> <ul style="list-style-type: none"> <li>- is aware of the level of their knowledge, self-evaluates their own competences, can complement and improve acquired knowledge and skills, and understands the need for continuous professional training and personal development (06E-1A_K01)</li> <li>- formulates his/her own position based on knowledge from the field of management and marketing (06E-1A_K03)</li> <li>- is able to work and cooperate in a group while developing a project for the subject's assignment (06E-1A_K05)</li> </ul>

1.	<b>Course title</b>	<b>Accounting and Corporate Finance 2</b>
2.	Number of hours per course/ type of class	Lecture: 28 hours Practice class: 42 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	9
7.	Shortened (general) course description	The aim is to familiarize students with modern instruments used in companies for financial, profitability, and liquidity management, product costing, cost and revenue budgeting, financial planning, price, investment and credit decision making, and many others. During the lecture, in addition to theoretical knowledge, examples will be presented showing how such management systems were implemented in global enterprises. In the corporate finance module, students will learn modern methods of evaluating investment projects taking into account the concept of the time value of money, will gain theoretical and practical knowledge about working capital management strategies and making capital structure decisions using alternative sources of financing, such as factoring, leasing, joint ventures, etc.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	Completed course in financial accounting. The student should have knowledge of basic accounting standards, including the principles of establishing financial result and the balance sheet stock valuation, the principles of classification and allocation of costs, definitions and interpretation of the elements of the financial statements.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- knows the tools of management accounting and financial management used in the process of making short-term decisions and managing the financial result and value of the company.</li> <li>- knows such cost and profitability management tools as: cost accounting systems, break-even analysis, operational and financial risk, cost and price calculation methods.</li> <li>- understands the concept of the time value of money.</li> <li>- has knowledge of the relationship between the structure of capital and the cost of financing</li> <li>- knows various strategies of working capital management.</li> </ul> <p>The course learning outcomes formulated in this way are included in the course-specific and specialty learning outcomes defined in the table with symbols: 06E-1A_W01, 06E-1A_W04, 06E-1A_W07.</p> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- is able to assess the effectiveness of business processes carried out by a company, using various types of management and financial reports.</li> <li>- is able to choose the right methods of cost and price calculation, make the costs evaluation of products, services, internal services, determine the financial result of the enterprise using various cost accounting models.</li> <li>- can use discount methods for valuing investment projects</li> <li>- knows how to estimate the weighted average cost of capital in the enterprise.</li> </ul> <p>The course learning outcomes formulated in this way are included in the course-specific and specialty learning outcomes defined in the table with symbols: 06E-1A_U02, 06E-1A_U04, 06E-1A_U05.</p> <p><b>Social competences</b> Student:</p> <ul style="list-style-type: none"> <li>- understands the limitations of the proposed methods of evaluation of investment projects.</li> <li>- maintains independence of thinking in predicting the consequences of changes in the macroeconomic and social environment (e.g. interest rate, demand structure, source of financing structures) for corporate finance.</li> <li>- formulates its own judgments regarding the choice of the optimal strategy for shaping the structure of assets and liabilities in the enterprise.</li> </ul> <p>The course learning outcomes formulated in this way are included in the course-specific and specialty learning outcomes defined in the table with symbols: 06E-1A_K01, 06E-1A_K03.</p>

<b>1.</b>	<b>Course title</b>	<b>Basics of International Economics</b>
2.	Number of hours per course/ type of class	Lecture: 14 hours Practice class: 28 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	5
1	Shortened (general) course description	The aim of the course Basics of International Economics is to provide students in the basic knowledge concerning the main directions of the development of the contemporary world economy. The background is the theoretical basic knowledge on the theory of the international trade- and capital flows and on the main benefits and costs of the globalization processes and the regionalization. We offer also the basic knowledge about the European Union as one of the main players in the world economy, with special reference to: the most important values of the EU such as: inclusion, tolerance, justice, solidarity and non-discrimination, human rights and the single European market of goods, services, capital and labor.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	The student should have a basic knowledge of the macroeconomics and of the basic instruments of the both: capital and financial market.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student: -knows the terminology used in economics and combines these and changes with the economics of an open economy, -knows the key events in the history of the world economy and the ways of assessing and interpreting their causes and effects from the point of view of the most important changes in foreign trade and capital market theories, as well as the dilemmas of modern civilization, - has advanced knowledge of the influence of environment on market decisions of economic entities, - has advanced knowledge enabling to assess international economic relations in the international and intercultural perspective (06E-1A_W01, 06E-1A_W03, 06E-1A_W04, 06E-1A_W06)</p> <p><b>Skills</b> Student: - observes economic phenomena in the international economics - interpret main tendencies and their economic effects in the European and global level, - can make precise and coherent statements in oral and written form on the subjects of international economic relations, using various theoretical approaches, - collects selected statistical information and elaborate them. (06E-1A_U01, 06E-1A_U02, 06E-1A_U04)</p> <p><b>Social competencies</b> Student: - has social competencies in understanding: the importance of the interdependence between the national and international economy, - understands the need of the for continuous professional training and personal development, - can present his/her own opinion on current international economic relations, and is open to a discussion based on properly selected arguments (06E-1A_K01, 06E-1A_K02, 06E-1A_K03)</p>



1.	<b>Course title</b>	<b>Environmental Economics</b>
2.	Number of hours per course/ type of class	Lecture: 14 hours Practice class: 14 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	4
7.	Shortened (general) course description	The purpose of the course is: <ul style="list-style-type: none"> <li>- providing students with knowledge of environmental economics from the theoretical and practical point of view;</li> <li>- acquainting them with the causes and consequences of anthropogenic pressure as well as with the methods and tools of environmental protection policy;</li> <li>- building ecological awareness.</li> </ul>
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	The student should know the basics of microeconomics and macroeconomics and demonstrate a general understanding of the ecological problems of the contemporary world.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- knows the terminology used in environmental economics and understands its sources and applications within other sciences (06E-1A_W01),</li> <li>- has advanced knowledge of environmental determinants of consumers and producers behaviors and the impact of the market environment on their decisions; has knowledge on man as an element of the economy-society-environment system (06E-1A_W04),</li> <li>- has advanced knowledge of the importance of natural resources in shaping economic processes, as well as relations between economy and environment in accordance with the conception of sustainable development (06E-1A_W05).</li> </ul> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- is able to observe economic phenomena with an indication of their causes, using adequate analytical tools (06E-1A_U01),</li> <li>- is able to use advanced theoretical knowledge in the field of environmental economics and related disciplines to formulate practical conclusions useful to decision makers, as well as analyze and interpret a variety of economic problems (06E-1A_U02),</li> <li>- can accurately and consistently express himself/herself in speech and writing on topics concerning the interrelations between the elements of economy, society and the environment, using various theoretical approaches both from the field of economics and related disciplines, can complement and improve the acquired knowledge and skills (06E-1A_U04).</li> </ul> <p><b>Social competencies</b> Student:</p> <ul style="list-style-type: none"> <li>- is aware of the need to continuously develop his/her knowledge in the field of environmental economics, he/she assesses his/her own competence (06E-1A_K01),</li> <li>- is aware of the limitations of the theories and research methods, at the same time is open to new theories and methods; seeks solutions to advanced problems in the field of environmental economics (06E-1A_K02),</li> <li>- formulates his/her own position, choosing arguments for its support, is flexible, attentive and able to lead a discussion on issues related to the functioning of consumers and enterprises in the natural environment, taking into account arguments in favour of other views (06E-1A_K03),</li> <li>- acts in accordance with the rules of environmental and professional ethics, with respect for copyrights, correctly identifies and solves moral dilemmas related to performing the profession of economist (06E-1A_K06),</li> <li>- is convinced of the importance of acting in a professional way, is sensitive to economic and ecological problems (06E-1A_K06).</li> </ul>

1.	<b>Course title</b>	<b>Statistics</b>
2.	Number of hours per course/ type of class	Lecture: 14 hours Computer laboratory: 28 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	5
7.	Shortened (general) course description	This course introduces students to the field of descriptive and inferential statistics, including data collection, presentation, analysis and interpretation. An integral part of the course is learning to carry out statistical analyses using the selected software.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	Basic mathematics
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- has knowledge to completely describe and interpret various datasets used to the assessment of economic phenomena (06E-1A_W06),</li> <li>- knows main statistical methods, including graphical tools, to describe univariate and bivariate data which can be used for solving decision-making, strategic and operational problems (06E-1A_W07).</li> </ul> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- has the ability to collect reliable statistical data, can select the available data sources and process both quantitative and qualitative data in the field of social and economic phenomena (06E-1A_U06),</li> <li>- can formulate an appropriate statistical model and assess its accuracy in order to analyze and interpret various economic problems (06E-1A_U01, 06E-1A_U02),</li> <li>- is able to formulate practical conclusions concerning the observed statistical populations, which can be useful for decision-makers (06E-1A_U02),</li> <li>- can prepare reliable forecasts. Is able to draw conclusions about statistical populations based on sampling data to help make correct economic decisions focused on improvement of economic processes (06E-1A_U03, 06E-1A_U05).</li> </ul> <p><b>Social competences</b> Student:</p> <ul style="list-style-type: none"> <li>- is aware of the limitations of statistical methods (06E-1A_K03),</li> <li>- is aware of the critical role of data quality and cares about the precision and the reliability of analyses (06E-1A_K04),</li> </ul> <p>understands the need for continuous professional training and personal development in the light of rapid changes in data science methodology (06E-1A_K01).</p>

1.	Course title	Elective Seminar
2.	Number of hours per course/ type of class	Practice class: 28/18 hours
3.	Assessment form	Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	4
7.	Shortened (general) course description	The aim of the course is to familiarize students with selected issues of the functioning of the open economy, in the conditions of globalization and international economic integration. Students will acquire the ability to understand and interpret events from current economic life in the context of changes taking place in the world economy.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	The student should have basic knowledge of micro- and macroeconomics.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course- specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student: - knows the elementary terminology used in economics and understands its sources and applications within other sciences (06E-1A_W01).</p> <p><b>Skills</b> Student: - is able to observe advanced economic phenomena in the world economy with the indication of their causes, using various analytical tools (06E-1A_U01); - is able to express accurately and coherently in speech and writing on topics concerning advanced economic issues (06E-1A_U04); - has the ability to independently collect, select and process information concerning economic phenomena and is able to identify gaps in their knowledge and fill them on their own (06E-1A_U06); - is able to work in a team solving specific tasks in the field of open economy (06E-1A_U07).</p> <p><b>Social competences</b> Student: - is aware of the level of his/her knowledge in the field of open economy, self-assesses his/her own competences, is able to complete and improve the acquired knowledge and skills (06E-1A_K01); - is ready to present his/her own opinion, selecting arguments to support it, but also is flexible and able to lead a discussion, taking into account arguments for other views (06E-1A_K03).</p>

1.	<b>Course title</b>	<b>Microeconomics 2</b>
2.	Number of hours per course/ type of class	Lecture: 14 hours Practice class: 28 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	7
7.	Shortened (general) course description	The course in Microeconomics 2 is designed to equip students with knowledge about modern and more advanced microeconomics concepts, which help to make economic decision. This course will expose them to the current issues of the area, as well as give them an understanding of the tools needed to undertake further research in that area.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	Speaking and writing in English at intermediate level, mathematical skills.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- knows and understands advanced concepts of microeconomics (06E-1A_W01),</li> <li>- is able to apply economic models to analyze economic phenomena (06E-1A_W03),</li> <li>- is able to explain important economic relations and give examples from everyday life (06E-1A_W04).</li> </ul> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- is able to observe economic phenomena with an indication of their causes, using analytical tools (06E-1A_U01),</li> <li>- is able to use economic models to formulate recommendations for economic policy (06E-1A_U02),</li> <li>- is able to make analysis of economic decisions of government and companies; is able to consistently express himself/herself in speech and writing on topics related to advanced economic problems (06E-1A_U04),</li> <li>- knows where to find necessary data and how to use it (06E-1A_U06).</li> </ul> <p><b>Social competencies</b> Student:</p> <ul style="list-style-type: none"> <li>- is aware of the possibility of commercialization of his/her knowledge (06E-1A_K01),</li> <li>- understands the limitations of <i>homo oeconomicus</i> model and knows the rationales of behavioral economics (06E-1A_K02),</li> <li>- formulates his/her own position, uses the knowledge of economics theory in discussions on economic issues (06E-1A_K03).</li> </ul>

1.	<b>Course title</b>	<b>Main Trends in Contemporary Economics</b>
2.	Number of hours per course/ type of class	Lecture: 14 hours
3.	Assessment form	Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	1
7.	Shortened (general) course description	The course presents the main trends in Contemporary Economics. It focuses on the approaches beyond neoclassical economics being the foundation of the standard micro- and macroeconomic teaching. Therefore, the course aims at presenting the major contributions to modern economics provided by behavioural economics, experimental economics, and institutional economics.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	Basics of micro- and macroeconomics.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course- specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- knows the terminology used in economics and understands its sources and applications within the social sciences (06E-1A_W01),</li> <li>- has knowledge about economic individuals stemming from institutional, behavioural and experimental economics (06E-1A_W04).</li> </ul> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- is able to observe economic phenomena with an indication of their causes (06E-1A_U01),</li> <li>- is able to use advanced knowledge of behavioural economics, experimental economics and institutional economics to formulate practical conclusions useful to decision-makers and to analyze and interpret a variety of economic problems (06E-1A_U02),</li> <li>- can express himself/herself in speech and writing on selected topics of economic interest, using a variety of theoretical approaches both in economics and related disciplines (06E-1A_U04).</li> </ul> <p><b>Social competencies</b> Student:</p> <ul style="list-style-type: none"> <li>- is aware of the level of his/her knowledge, self-evaluates his/her own competences, and understands the need for constant professional development (06E-1A_K01),</li> <li>- is aware of the limitations of known theories and research methods learned and is open to new theories and methods (06E-1A_K02),</li> <li>- formulates his/her own position, choosing arguments to support it, but also is flexible and able to conduct discussion on the current economic issues (06E-1A_K03),</li> <li>- takes care of reliability of conducted economic analyses and used data, is critical towards his/her own work (06E-1A_K04).</li> </ul>

<b>1.</b>	<b>Course title</b>	<b>Econometrics</b>
2.	Number of hours per course/ type of class	Lecture: 28 hours Computer lab.: 28 hours
3.	Assessment form	Exam Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	7
7.	Shortened (general) course description	The course aims to familiarise the students with introductory econometrics. The students will be able to apply statistical techniques to the estimation and testing of economic models and thereby will obtain skills necessary both to undertake their own empirical studies and to evaluate empirical work in the published literature.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	Statistics
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course- specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- describes estimation methods and diagnostic tests (06E-1A_W07),</li> <li>- represents economic arguments in the form of statistical hypotheses and knows how to verify them; describes selected methods used in forecasting (06E-1A_W06).</li> </ul> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- interprets the parameters of the model and analyzes relationships between economic variables using a regression model and statistical tests and (06E-1A_U01, 06E-1A_U02),</li> <li>- formulates economic forecasts (06E-1A_U03),</li> <li>- collects and prepares data for econometric analysis (06E-1A_U06),</li> <li>- reports the results of econometric analysis ((06E-1A_U05).</li> </ul> <p><b>Social competence</b> Student:</p> <ul style="list-style-type: none"> <li>- selects appropriate methods of econometric analysis (06E-1A_K01),</li> <li>- analyses data rigorously (06E-1A_K02),</li> <li>- has the ability of analytical thinking (06E-1A_K04).</li> </ul>

1.	Course title	Macroeconomics 2
2.	Number of hours per course/ type of class	Lecture: 28 hours Practice class: 28 hours Computer lab: 14 hours
3.	Assessment form	Lecture – Exam Practice class – Graded credit Computer lab - Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	8
7.	Shortened (general) course description	The aim of this course is to familiarize students with analyzing macroeconomic issues connected with business environment and to explain how to use and apply macroeconomic models for assessing macroeconomic policy effects.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	A student should have completed Introductory Macroeconomics course. He/she should be familiar with basic concepts and theories of macroeconomics.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- knows terminology used in economics and understands its sources and applications within other sciences, on an advanced level,</li> <li>- has extensive knowledge that enables conscious shaping development processes and institutional frameworks of the economy,</li> <li>- has extensive knowledge that enables assessing economic phenomena in the national, international and intercultural perspective,</li> <li>- knows quantitative methods used in economic research and in solving decision making, strategic and operational problems, also in the dynamic perspective. (06E-2A_W01, 06E-2A_W03, 06E-1A_W04)</li> </ul> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- is able to make observations and interpret economic, social and financial phenomena as well as analyse their impact interdependencies between them,</li> <li>- is able to use advanced theoretical knowledge in the area of economics and other related disciplines to propose practical conclusions, useful for policymakers, as well as for analysing and interpreting various economic processes; furthermore, is able to critically select analysis methods),</li> <li>- has research and forecasting competences allowing for indicating reasons and causes as well as rationality and efficiency of decisions taken by enterprises, with the help of quantitative and qualitative research methods. (06E-2A_U01, (06E-2A_U02, 06E-2A_U04, 06E-1A_U06)</li> </ul> <p><b>Social competences</b> Student:</p> <ul style="list-style-type: none"> <li>- is aware of benefits and limitations of the employed research methods, is critical towards known methods and open to use new, unconventional methods, is able to search for alternative, optimal solutions to the researched problems, takes care of the precision of collected data and honest in conducting analyses,</li> <li>- acquires ability to think logically and analytically, is able to perform independent research activities in an honest and objective way, is critical to outcomes of own research,</li> <li>-prepares for his work responsible, adequately sets priorities aiming at completing specific tasks, is open to commercially use his knowledge. (06E-2A_K01, 06E-2A_K02, 06E-2A_K03)</li> </ul>

1.	<b>Name of the subject</b>	<b>Thematic Seminar (in English)</b>
2.	Number of hours per course/ type of class	Practice class: 28/18 hours
3.	Assessment form	Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	5
7.	Shortened (general) course description	The aim of the Topic seminar in English is to consolidate knowledge in the field of economics. During the classes, students discuss selected economic problems, the complexity of economic processes and the impact of state policy on individual decisions of economic entities in English language.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	The students must master the basics of micro and macroeconomics and have knowledge of English at B1 level
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course-specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>- knows in English the terminology used to analyse economic operators, in particular households and businesses,</li> <li>- knows English terms describing different market structures,</li> <li>- knows in English the terminology used to describe macroeconomic phenomena.</li> </ul> <p>The learning outcomes formulated in this way fall within the course learning outcomes specified in the table with the symbols: 06E-2A_W01.</p> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>- is able to interpret the relationships between phenomena and their determinants,</li> <li>- is able to use theoretical knowledge in the field of economics to formulate conclusions for economic policy,</li> <li>- is able to speak accurately and coherently in English on topics related to economic issues in the field of micro- and macroeconomics,</li> <li>- is able to relate his/her theoretical knowledge to his/her own business decisions,</li> <li>- can work in a team solving specific tasks in the field of economics,</li> <li>- can speak English at the B2+ level.</li> </ul> <p>The subject learning outcomes formulated in this way fall within the course learning outcomes specified in the table with the symbols: 06E-2A_U01, 06E-2A_U04, 06E-2A_U06, 06E-2A_U08.</p> <p><b>Social competences</b> Student:</p> <ul style="list-style-type: none"> <li>- is aware of the level of his/her economic knowledge and understands the need for continuous education,</li> <li>- is aware of the advantages and limitations of economic theories and research methods learned by them,</li> <li>- is able to formulate conclusions for the economic policy of the state,</li> <li>- sees limitations in the data used in economic research,</li> <li>- is able to cooperate in a group and actively participates in group tasks,</li> <li>- responsibly prepares for his/her work and appropriately defines priorities for the implementation of specific tasks.</li> </ul> <p>The subject learning outcomes formulated in this way fall within the course learning outcomes specified in the table with the symbols: 06E-2A_K01, 06E-2A_K02, 06E-2A_K03, 06E-2A_K07.</p>



1.	<b>Course title</b>	<b>Seminar on Economics</b>
2.	Number of hours per course/ type of class	Practice class: 28 hours
3.	Assessment form	Graded credit
4.	Form of conducting classes	Stationary
5.	Language of instruction	English
6.	ECTS credits	5
7.	Shortened (general) course description	The aim of the seminar is to review previous knowledge, competences and skills in the scope of the programme of semesters 1-5 throughout the whole cycle of studies. The focus of the course will be on a list of examination questions for the diploma examination and thorough reminding and preparing students to pass this examination. The course covers issues of microeconomics, macroeconomics, quantitative methods as well as the remaining range required for the diploma examination.
8.	Prerequisites, defining the knowledge and skills that a student must have when enrolling in the course	The student should have knowledge of microeconomics and macroeconomics in accordance with the subject scope of semesters 1-5.
9.	The course learning outcomes defining the knowledge, skills and/or competences to be acquired by each student obtaining ECTS credits, along with an indication of the course- specific and possibly specialty learning outcomes (codes of effects to which the course was assigned in the competency matrix included in the study programme)	<p><b>Knowledge</b> Student:</p> <ul style="list-style-type: none"> <li>– knows the advanced terminology used in economics, understands its sources and applications within the social sciences (06E-1A_W01)</li> </ul> <p><b>Skills</b> Student:</p> <ul style="list-style-type: none"> <li>– is able to observe economic phenomena using advanced analytical tools,</li> <li>– is able to use advanced knowledge of contemporary economics to analyze and interpret selected economic problems,</li> <li>– can accurately and consistently express himself/herself in speech and writing on topics related to current economic issues,</li> <li>– has the ability to independently collect, select and process information on social and economic phenomena,</li> <li>– is able to work in a team solving specific tasks in the field of economics,</li> <li>– is able to use a foreign language at the B2 level of the Common European Framework of Reference for Languages (with particular emphasis on terminology characteristic for the discipline of economics and finance)</li> </ul> <p>(06E-1A_U01, 06E-1A_U02, 06E-1A_U04, 06E-1A_U06, 06E-1A_U07, 06E-1A_U08)</p> <p><b>Social competences</b> student:</p> <ul style="list-style-type: none"> <li>– is aware of the level of his/her knowledge, self-evaluates his/her own competences, can complement and improve acquired knowledge and skills, and understands the need for continuous education,</li> <li>– is aware of the limitations of theories and research methods learned and is open to new theories and methods; creatively looking for solutions to the new, economic problems,</li> <li>– formulates his/her own position, selects arguments to support it, but at the same time is flexible, sensitive to other economic views and is ready to lead a substantive discussion,</li> <li>– takes care about the reliability of analyzes, is critical of his/her own work,</li> <li>– is able to work and cooperate in a group,</li> <li>– is responsibly preparing for his/her work, properly defining priorities for the implementation of specific tasks, is open for opportunities of commercial use of his/her knowledge</li> </ul> <p>(06E-1A_K01, 06E-1A_K02, 06E-1A_K03, 06E-1A_K04, 06E-1A_K05, 06E-1A_K07)</p>