



**WYDZIAŁ
EKONOMICZNO-
SOCJOLOGICZNY**
Uniwersytet Łódzki



Curriculum for **ECONOMICS**

first-cycle studies
general academic profile
in force from the academic year 2021/2022

Accredited studies IACBE
International Accreditation Council for Business Education

Plan of studies confirmed by Council of Faculty of Economics and Sociology on 19. 04. 2021

The University Council for Quality of Teaching gave a positive opinion on the draft study program on 07.05.2021 r.

1. **The name of the course**

Economics

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

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 by the Ministry of Science and Higher Education 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 in-depth 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.

Three specialties are offered as part of the first-cycle program:

- Eco-business – the choice of this specialty allows students to acquire knowledge and skills related to sustainable economic development and ecology, as well as prepares them for work in organizations dealing with environmental protection issues;
- International Business – the choice of this specialty allows students to acquire knowledge and skills related to international business;

- Quantitative methods in business and economics – students of this specialty acquire the knowledge and skills necessary to conduct analytical and research work, learn about processes in different types of markets and learn to select and use the right tools for analysis of these processes.

Under these specialties, graduates are provided with specialist knowledge, and also such skills and competences are developed that make them competitive on the difficult labor market.

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

First-cycle studies

4. Study profile

General academic

5. Form of studies

Full-time and part-time

6. The main goals of education, including the qualifications acquired by graduates

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 basic 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 deepen their knowledge and develop their skills in the area of preferred economic, financial and social aspects, including:

- Eco-business,
- international business,
- quantitative methods in business and economics.

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

- basic 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 basic 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 basic 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 obtained by the graduate

Undergraduate (*Licencjat* in Polish)

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

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 28 December 2017 on the classification of professions and specializations for the needs of the labor market and the scope of its application (Journal of Laws 2018, item 227), 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 refresher courses organized at UŁ and other universities.

9. Prerequisites and expected competences of the candidate

Enrollment for Economics is conducted on the basis of the qualifications that the candidate has acquired and which are confirmed in their 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. 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.

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. Fields and scientific disciplines to which learning outcomes relate together with percentage to which curriculum refers to particular disciplines

- 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

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

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	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
KNOWLEDGE		
06E-1A_W01	Knows the elementary terminology used in economics and understands its sources and applications within the social sciences.	P6S_WG P6U_W
06E-1A_W02	Has basic 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.	P6S_WG P6S_WK P6U_W
06E-1A_W04	Has basic knowledge of consumer and producer	P6S_WG P6S_WK

	behavior and the influence of the environment on market decisions.	P6U_W
06E-1A_W05	Has a basic 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 knowledge enabling assessment of economic phenomena in the national, international and intercultural perspective.	P6S_WG P6U_W
06E-1A_W07	Knows the basic quantitative tools used in economic research and for solving decision-making, strategic and operational problems.	P6S_WG P6U_W
06E-1A_W08	Knows the basic legal regulations in the field of intellectual property and copyright protection.	P6S_WG P6U_W
SKILLS		
06E-1A_U01	Is able to observe economic phenomena with an indication of their causes, using basic analytical tools.	P6S_UW P6U_U
06E-1A_U02	Is able to use the basic 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 basic 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 P6U_U

06E-1A_U06	Has the ability to independently collect, select and process information in the field of social and economic phenomena, and can identify gaps in their knowledge and independently supplement them.	P6S_UW P6S_UO P6S_UU P6U_U
06E-1A_U07	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.	P6S_UO P6U_U
06E-1A_U08	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.	P6S_UK P6U_U
SOCIAL COMPETENCIES		
06E-1A_K01	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.	P6S_KK P6U_K
06E-1A_K02	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.	P6S_KK P6U_K
06E-1A_K03	Formulates their own position, choosing arguments for its support, but also is flexible and able to conduct discussion, including arguments for other views.	P6S_KK P6U_K
06E-1A_K04	Cares about the reliability of analyzes and the precision of the arguments and data used, is critical of their own work.	P6S_KK P6S_KR P6U_K
06E-1A_K05	Is able to work and cooperate in a group, actively	P6S_KO

	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.	P6U_K
06E-1A_K06	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.	P6S_KO P6S_KR P6U_K
06E-1A_K07	Is responsibly preparing for their work, properly defining priorities for the implementation of specific tasks, is open to the chances of commercial use of their knowledge.	P6S_KR P6U_K
06E-1A_K08	Complies with the principles of protection of intellectual property and copyright within the framework of their research work.	P6S_KR P6U_K

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

Symbol	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
KNOWLEDGE		
06EB1A_W01	Knows and understands the basic concepts and principles of sustainable development.	06E-1A_W01 06E-1A_W05
06EB1A_W02	Has basic knowledge of economic structures and institutions operating in the field of environmental protection (knows their elements, relations between them, standards and rules organizing them).	06E-1A_W01 06E-1A_W05
06EB1A_W03	Has basic knowledge in the field of natural sciences, with particular emphasis on the role of man undertaking business in the natural environment.	06E-1A_W04 06E-1A_W05
06EB1A_W04	Knows and understands socio-economic relations, indicates their impact on environmental change processes, has knowledge about their causes and consequences for the economy, man and the environment.	06E-1A_W01 06E-1A_W05
06EB1A_W05	Has basic knowledge of achievements in the field of eco-innovations and facilities, equipment and environmental technologies, knows and mentions the possibilities of their application in economic practice, taking into account the principles of industrial property and copyright.	06E-1A_W05 06E-1A_W08
06EB1A_W06	Knows and understands the basic relationship between the economy and the environment in	06E-1A_W01 06E-1A_W05

	practice; has 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.	
06EB1A_W07	Knows and understands the basic economic aspects in the field of environmental protection.	06E-1A_W01 06E-1A_W05
06EB1A_W08	Has basic 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.	06E-1A_W02 06E-1A_W05
06EB1A_W09	Has basic knowledge of actions taken to protect the environment at the micro and macroeconomic level, including [CRS] activities and knows the possibilities of their application in business practice.	06E-1A_W05 06E-1A_W06
06EB1A_W10	Knows and understands the most important legal aspects of environmental protection, environmental policy, waste and water and sewage management.	06E-1A_W02 06E-1A_W05
SKILLS		
06EB1A_U01	Can describe and indicate the importance of economic sciences in solving environmental problems in economic practice.	06E-1A_U01 06E-1A_U04
06EB1A_U02	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.	06E-1A_U01 06E-1A_U04
06EB1A_U03	Uses the acquired knowledge and skills, as well as	06E-1A_U02 06E-1A_U05

	their profession as an economist in domestic and international units, where there are problems related to the protection of the natural environment.	
06EB1A_U04	Can observe and interpret phenomena which occur in the natural environment, as well as can analyze their impact on particular areas of economic activity.	06E-1A_U05 06E-1A_U07
06EB1A_U05	Is able to use basic 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).	06E-1A_U02 06E-1A_U06
06EB1A_U06	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.	06E-1A_U01 06E-1A_U04
06EB1A_U07	Can prepare (on their 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.	06E-1A_U05 06E-1A_U07
06EB1A_U08	Can analyze their own activities; in addition, is able to verify the correctness of reports, and analyzes made by themselves and others,	06E-1A_U06 06E-1A_U07

	including those concerning applied and proposed environmental technologies in the field of environmental protection.	
06EB1A_U09	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.	06E-1A_U02 06E-1A_U07
06EB1A_U10	Analyzes and explains the basic relationships between the economy, environment, and ecology, and uses standard methods and quantitative tools to describe these relationships.	06E-1A_U03 06E-1A_U05
06EB1A_U11	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.	06E-1A_U02 06E-1A_U06
06EB1A_U12	Is able to prepare on their own and in a group written works in Polish and foreign language regarding economics and environmental protection using the basic theoretical approaches, as well as various sources.	06E-1A_U04 06E-1A_U08
06EB1A_U13	Has the ability to prepare on their own and in a group multimedia presentations and oral	06E-1A_U05 06E-1A_U08

	presentations in Polish and foreign language on the subject of economics and environmental protection using the basic theoretical approaches, as well as various sources.	
06EB1A_U14	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.	06E-1A_U01 06E-1A_U02
SOCIAL COMPETENCIES		
06EB1A_K01	Is aware of the necessity of constantly improving their qualifications, tracking information about interactions between the economy, environment, and man.	06E-1A_K01 06E-1A_K05
06EB1A_K02	Is able to work on their own and in a team and uses their knowledge and skills in a, responsible and ethical way.	06E-1A_K05 06E-1A_K06
06EB1A_K03	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.	06E-1A_K05 06E-1A_K06
06EB1A_K04	Demonstrates sensitivity to the social, economic and ecological dilemmas of the modern economy, with particular emphasis on preserving the values of the natural environment.	06E-1A_K05 06E-1A_K06

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

Symbol	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
KNOWLEDGE		
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 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
SKILLS		
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 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
SOCIAL COMPETENCIES		
06EG1A_K01	Is aware of the complexity of the processes of internationalization of enterprises.	06E-1A_K01 06E-1A_K02 06E-1A_K05

06EG1A_K02	Is opened to the process of the internationalization of economic activity.	06E-1A_K01 06E-1A_K02 06E-1A_K05
06EG1A_K03	Observes customs and regulations in the international business.	06E-1A_K04 06E-1A_K07
06EG1A_K04	Uses his 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
06EG1A_K05	Modifies business activities in response to changes in the business environment.	06E-1A_K01 06E-1A_K03
06EG1A_K06	Takes an active role in interpersonal business contacts.	06E-1A_K01 06E-1A_K02
06EG1A_K07	Demonstrates a sensitivity to the social and ecological aspects of business activity.	06E-1A_K02
06EG1A_K08	Understands the mechanisms and principles of using public support for entrepreneurship.	06E-1A_K02 06E-1A_K04
06EG1A_K9	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

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

Symbol	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
KNOWLEDGE		
06EI1A_W01	Knows the basic theoretical concepts concerning economic processes taking place in the national economy.	06E-1A_W01 06E-1A_W04
06EI1A_W02	Has knowledge about the functioning of financial markets, labor markets, methods of their analysis and valuation of financial assets.	06E-1A_W04 06E-1A_W07
06EI1A_W03	Knows the basics of the functioning, developing and creating enterprises as well as management of processes occurring in them.	06E-1A_W04 06E-1A_W07
06EI1A_W04	Has knowledge of the principles and techniques for presenting (in the form of presentations) the conclusions from the conducted economic and financial analyzes.	06E-1A_W06 06E-1A_W07
06EI1A_W05	Knows the quantitative and qualitative methods of financial and economic data analysis.	06E-1A_W01 06E-1A_W07
SKILLS		
06EI1A_U01	Is able to conduct advanced economic and financial analyzes.	06E-1A_U01 06E-1A_U05
06EI1A_U02	Can interpret phenomena and processes taking place in the economy, in the money market and in the labor market.	06E-1A_U05 06E-1A_U06
06EI1A_U03	Is able to choose the right analytical and research	06E-1A_U05 06E-1A_U06

	tool for a selected group of indicators aimed at assessing the processes taking place in the economy and on the financial market(s).	
06EI1A_U04	Can formulate assessments and guidelines for economic policy.	06E-1A_U02 06E-1A_U03
06EI1A_U05	Can present in a logical and understandable way and describe conclusions from the conducted economic and financial analyzes.	06E-1A_U02 06E-1A_U05
SOCIAL COMPETENCIES		
06EI1A_K01	Is aware and ready to supplement their economic and financial knowledge on their own.	06E-1A_K01 06E-1A_K02
06EI1A_K02	Is creative in terms of searching for the right information and statistical data for analysis.	06E-1A_K02 06E-1A_K05
06EI1A_K03	Has the ability to critically evaluate their own and other people's views.	06E-1A_K03 06E-1A_K04

Learning outcomes in the field of intellectual property and copyright protection

At the University of Lodz, each student is required to complete the e-course in copyright in the first year of study in the first semester of study. The course is intended for self-study. Regardless of that, after completing the first-cycle studies in Economics, the graduate will achieve the following learning outcomes in the field of intellectual property and copyright protection:

- the graduate will know the basic legal regulations in the field of intellectual property and copyright protection (06E-1A_W08);
- as part of research work, the graduate will follow the rules of protection of intellectual property and copyright (06E-1A_K08).

12. Conclusions from the analysis of the compliance of learning outcomes with the needs of the labor market and the social environment and conclusions from the analysis of the results of monitoring graduates' professional careers as well as proven international patterns while taking into account the specificity of the course

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 the second quarter of 2017 showed that among the surveyed, specified by education level, the lowest unemployment rate was recorded among people with higher education - it accounted for 2.4%, while the total unemployment rate was 5%. What is more this indicator for the Lodz province was at the level of 1.7% and was one of the lowest in the country (only in the Wielkopolska province unemployment among people with higher education was lower and accounted for 1.3%).

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 developed by the Ministry of Family, Labor and Social Policy, it can be seen that the first

group includes financial and investment advisers, sales specialists and financial managers. The Professions Barometer 2020¹ prepared at the Voivodship Labor Office indicates that in Łódź, 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 2019 by the Association of Business Service Leaders in cooperation with EY, JLL, Randstad Polska and Randstad Sourceright, Łódź ranks at the forefront in Poland in terms of business location for the BPO/SSC/IT sector². 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.

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.

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.

¹ https://barometrzasowow.pl/userfiles/Barometr/2020/lodzkie/raport_wojewodztwo_lodzkie_2020.pdf (accessed: 20.01.2021).

² <https://uml.lodz.pl/aktualnosci/artykul/lodz-doskonaly-miejscem-dla-sektora-nowoczesnych-uslug-biznesowych-id28679/2019/6/19/> (accessed: 20.01.2021).

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

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 enable students to achieve success through teaching excellence. It is through teaching excellence that the University strives to have the status of a university offering studies at the highest level.

The course of Economics is based on the values spread in the Strategy of the University of Lodz, especially on *openness*, which is understood as the desire to expand horizons, explore the “new” and exchange experiences. The course of Economics is created for people who want to learn different views and ideas. Ethical values are also passed to students of Economics. It should be emphasized that Economics is an innovative course of studies. Apart from obtaining reliable and substantive knowledge, students have contact with business practice during the didactic process. 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. **Indication of distinct differences in relation to other curricula with similarly defined goals and learning outcomes conducted at the University of Lodz**

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 plans**

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 containing information about the implementation of the curriculum during the studies in the semester arrangement include a comprehensive grid and a list of specialty subjects in a modular arrangement.

Study plan - ECONOMICS - full-time first-cycle studies - semester grid

Field of study **ECONOMICS**
 profile: **general academic**
 cycle: **first**
 form of study: **full-time**
 starting academic year **2021/2022**

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			
I	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
	Total after 1st semester:									Hours: 254	ECTS: 33		
	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	
Total after 2nd semester:									Hours: 268	ECTS: 27			
II	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
Total after 3rd semester:									Hours: 266	ECTS: 31			
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
Total after 4th semester:									Hours: 266	ECTS: 29			
III	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
	Total after 5th semester:									Hours: 372	ECTS: 30		
	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	
Total after 6th semester:									Hours: 196	ECTS: 30			
GRAND TOTAL:									Hours: 1622	ECTS: 180			

Plan of studies confirmed by Council of Faculty of Economics and Sociology on 19.04.2021

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

ECO-BUSINESS specialization module

Specialty module: Eco-business
 Field of study: ECONOMICS, first cycle, full-time
 Academic year 2021/2022
 Specialty supervisor: prof. dr hab. Zofia Wysokińska

year	semester	Specialty module course	Details							
			CODE	Number of hours				Total	Exam/credit with grade	ECTS
				lectures	tutorial	workshop	computer lab.			
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
Specialty module: Eco-business								Hours: 336	p. ECTS: 29	

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

INTERNATIONAL BUSINESS specialization module

year	semester	Specialty module course	Details							
			CODE	Number of hours				Total	Exam/credit with grade	ECTS
				lectures	tutorial	workshop	computer lab.			
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	
Specialty module: INTERNATIONAL BUSINESS								Hours: 336	p. ECTS: 29	

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
Speciality module: QUANTITATIVE METHODS IN BUSINESS AND ECONOMICS							Hours:	336	p. ECTS:	29

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	6 semesters, 180 ECTS credits
Total number of ECTS credits that the student must obtain under contact classes (requiring direct participation of lecturers and students)	112 (ECTS credits for a subject are awarded in full after verifying the achievement of the assumed learning 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

	<p>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>43</p>
<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</p>	<p>0 (The curriculum does not provide for university-wide classes)</p>
<p>The minimum number of ECTS credits that a student must obtain during classes in the field of humanities</p>	<p>the course is completely (100%) assigned to the field of social sciences</p>
<p>The total number of ECTS credits that a student must obtain during the elective classes</p>	<p>64</p>

17. Description of the process leading to the achievement of learning outcomes

a) Description of individual subjects or modules of the education process, in accordance with the requirements in force in this regard at the University of Lodz, along with the assigned ECTS credits, and methods of verification and assessment of the student's achievement of the assumed learning outcomes

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.

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 1A-1C.

Matrix of learning outcomes for the course of Economics

Subjects Learning outcomes	Knowledge																													
	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	
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	Social competencies																													
	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	
06E-1A_K01	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
06E-1A_K02		+		+				+	+	+	+						+		+	+	+			+				+	+	
06E-1A_K03	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					+	+	
06E-1A_K04							+	+								+		+		+		+							+	
06E-1A_K05															+		+	+		+						+		+	+	
06E-1A_K06										+				+	+				+							+		+		
06E-1A_K07																				+	+	+	+						+	
06E-1A_K08															+													+		

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	Environmental goods and services markets	Ecosystems management	Public procurement market in environmental protection	Activities of the international community for environmental protection
	Knowledge										
06EB1A_W01	+				+	+					+
06EB1A_W02	+	+	+	+	+	+	+	+	+	+	+
06EB1A_W03	+	+	+	+	+						
06EB1A_W04						+	+	+	+	+	+
06EB1A_W05		+	+	+			+				+
06EB1A_W06		+				+		+		+	+
06EB1A_W07	+				+			+		+	
06EB1A_W08		+				+				+	+
06EB1A_W09	+	+			+	+					+
06EB1A_W10		+				+	+	+		+	+
Skills											
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		+				+					+
Social competencies											
06EB1A_K01	+		+				+				
06EB1A_K02	+			+			+	+	+		
06EB1A_K03	+				+		+				
06EB1A_K04	+				+		+	+		+	

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
	Knowledge												
06EG1A_W01	+	+			+		+					+	
06EG1A_W02			+					+					
06EG1A_W03	+	+	+	+	+				+	+	+	+	+
06EG1A_W04				+		+							
06EG1A_W05			+						+		+		
06EG1A_W06												+	
06EG1A_W07		+											
06EG1A_W08					+								
06EG1A_W09													+
06EG1A_W10				+									
06EG1A_W11								+					
Skills													
06EG1A_U01	+											+	
06EG1A_U02			+	+	+	+	+	+	+				+
06EG1A_U03	+										+		
06EG1A_U04	+									+		+	
06EG1A_U05		+											
06EG1A_U06			+								+		
06EG1A_U07						+							
06EG1A_U08						+							
06EG1A_U09												+	
06EG1A_U10					+								
Social competencies													
06EG1A_K01			+	+					+				
06EG1A_K02	+	+	+	+	+			+	+			+	+
06EG1A_K03						+			+		+		
06EG1A_K04	+							+		+			
06EG1A_K05			+						+				
06EG1A_K06							+			+			
06EG1A_K07								+					
06EG1A_K08													+
06EG1A_K09	+	+	+	+	+	+	+	+	+			+	

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
Knowledge										
06E11A_W01		+				+				
06E11A_W02		+	+	+	+			+		+
06E11A_W03		+								+
06E11A_W04	+		+				+		+	
06E11A_W05	+				+			+	+	
Skills										
06E11A_U01	+	+	+	+	+	+		+	+	+
06E11A_U02		+				+				+
06E11A_U03			+	+	+			+	+	+
06E11A_U04		+				+				+
06E11A_U05	+						+			+
Social competencies										
06E11A_K01		+				+				+
06E11A_K02	+		+	+	+			+	+	
06E11A_K03		+				+	+			+

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

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.