



**WYDZIAŁ
EKONOMICZNO-
SOCJOLOGICZNY**
Uniwersytet Łódzki



Curriculum for **ECONOMICS**

second-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 of study**

Economics

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

Second-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.

The curriculum for the Economics course (lasting 4 semesters) consists of subjects: general economics, major and optional subjects. It contains modules of both economic subjects and related subjects, important from the point of view of understanding the modern economy. Students gain in-depth knowledge of the theory of economics, the practice of economic life and analytical methods used in research on the economy. Thanks to a large number of interactive classes, graduates are able to develop their practical skills in using the acquired knowledge to solve real problems. During the studies, particular emphasis is placed on research precision and on shaping appropriate ethical attitudes. Social competences related to working in groups and managing research projects are also developed.

When composing the curriculum for the course of Economics, the necessity to provide access to second-cycle studies was taken into account both for people who continue their education in the field of economics and for those who start their education in the Economics course and graduated from at least the first-cycle in another field of study. Taking into account the fact that as the economic life develops, the demand for specialists in the field of economics increases, the aim of second-cycle studies is to educate graduates adapted to the contemporary requirements of the labor market. These are people who can conduct independent research, prepare economic analyzes, make decisions important for the functioning of enterprises and strategic decisions in public institutions.

The curriculum mainly covers economics as the basic scientific discipline, but also considers elements of finance, management, and econometrics. The second-cycle studies in the course offer three specialties:

- Advanced economic analysis - this specialty provides the knowledge and skills necessary to conduct research and teaches how to select and use the right tools for analyzing processes in individual markets.
- Circular economy - this specialty enables students to acquire knowledge and skills related to understanding and implementation of the sustainable economic development model, as well as prepares them for work in environmental protection organizations;
- International Business – the choice of this specialty allows students to acquire advanced knowledge and skills related to international business.

As part of them, the graduate is provided with specialist knowledge, and also such skills and competences are developed that make them competitive on the difficult labor market.

3. Level of studies

Second-cycle studies

4. Profile of studies

General academic

5. Form of studies

Full-time

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

Studies in the course of 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, and 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.

Taking the above into account, the aim of second-cycle studies is to:

- transfer advanced knowledge in the field of economic and complementary sciences, on the phenomena and problems of management at the micro- and macroeconomic scale,
- apply the acquired knowledge in the implementation of current strategies for economic development on a global scale,
- prepare the graduate to use the knowledge gained about phenomena and economic processes in practice, to formulate practical independent conclusions and creative interpretation of various economic problems,
- educate a graduate who is active in the group (community), i.e. has the knowledge and skills in economics at an advanced level and is characterized by such competences, to play such an active role, focused, apart from self-education and self-improvement, first of all on public activity (in different scale and at different levels of social structures).

A graduate of the second-cycle studies of the Economics course shows the following general learning outcomes:

- highly specialized and up-to-date knowledge in the field of economics and related sciences,
- versatile and extended - in relation to first-cycle studies - economic knowledge and skills to use in practice the knowledge acquired during studies,
- the ability to conduct an independent economic analysis and modeling the course of economic phenomena,
- understanding economic mechanisms found in modern economies and the ability to evaluate the latest scientific achievements in the field of economic sciences,
- the ability to form their own opinions on economic phenomena and to present their substantive justification, indicating cause and effect relationships of economic processes,
- the ability to integrate knowledge from various fields and to use it in order to solve specific problems and conduct research,

- the ability to make rational decisions in conditions of uncertainty and risk, using quantitative and qualitative methods in the decision-making process, assessing at the same time the rationality and effectiveness of presented solutions, indicating alternative solutions of the decisions made,
- readiness to manage a team of people, and select the means and methods of work in order to effectively perform emerging professional tasks,
- creativity in the search for optimal solutions,
- honesty and reliability in conducting research and in professional work and the ability to manage human teams,
- the ability to plan activities, especially in the context of running your own business.

Depending on the chosen specialty, the student obtains additional learning outcomes in the field of preferred economic aspects in the scope of:

- advanced economic analysis,
- circular economy,
- international business.

Summing up, it can be said that a graduate of the Economics course has:

- advanced knowledge in the field of micro- and macroeconomics and other related disciplines in the field of social sciences (management, sociology, and law),
- skills to use in the extended scope selected quantitative methods for research, analysis or forecasting of economic phenomena in connection with the performance of a specific profession.

7. Professional title obtained by the graduate

Graduate (*Magister* in Polish)

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

The course of Economics is intended for those who are interested in issues related to the broadly understood use of economic knowledge in business, 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 sectors. The

specificity of studying at the Faculty of Economics and Sociology allows graduates to acquire competences not only typically economic, but also in the field of related sciences. Thanks to this, they will understand well economic language and economic issues. Such a graduate will get the opportunity of attractive employment as a specialist in industrial, commercial and service enterprises, public administration and everywhere where there is a need for economists. Thanks to the acquired qualifications, the graduate will find employment in particular in the positions of: a specialist in economic affairs and management, financial and investment adviser, business analyst, sales and marketing specialist or 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 in Economics, combined with several years of professional practice, can be the basis for applying for employment in a managerial position or for starting their own business (including consulting).

Moreover, a graduate of the second-cycle studies may continue education at third-cycle studies, whose enrollment and entry requirements take into account the competences obtained at the second-cycle degree in Economics (also abroad). The University of Lodz runs the Doctoral School of Social Sciences in the disciplines of sociological sciences, economics and finance, legal sciences, pedagogy, psychology, socio-economic geography and spatial management, management and quality sciences, politics, and administration. In addition, a graduate of Economics may raise qualifications at postgraduate studies and training courses organized at the University of Lodz and other universities.

9. Prerequisites and expected competences of candidates

Enrollment for supplementary graduate's studies in the course of Economics is carried out on the basis of competences confirmed by grade on the diploma of completion of the first-cycle studies. It is expected that candidate for the second-cycle studies has a basic knowledge and skills enabling conducting economic analyzes, i.e., knows the basic issues in the field of micro- and macroeconomics and economic history and uses a methodological apparatus applying it in research and interpretation of economic phenomena. It is also important that candidates are able to formulate and express their own opinions and views. The candidate should also use English (at B2 level), know the Windows operating system, and use office software.

10. Scientific fields and disciplines to which the learning outcomes relate, along with the percentage in which the curriculum relates to individual disciplines

Economics and related learning outcomes are assigned to the field of social sciences, the scientific discipline: economics and finance (100%). In addition, the course includes content containing elements of other disciplines that create the necessary conceptual basis. They only enrich the profile of the graduate, without affecting the interdisciplinary nature of the course.

11. Determining the course related learning outcomes for a given type of qualification with reference to the component of the description of the first and second degree Polish Qualifications Framework (PRK) characteristics

A detailed description of program references of the learning outcomes for the course of Economics, second-cycle studies for learning outcomes described in the Polish Qualifications Framework (PRK) is presented in the tabular statement in Table 1.

Every second-cycle student in Economics from the third semester can choose one of the three specializations:

- Advanced economic analysis;
- Circular economy;
- International Business.

A detailed description of the learning outcomes for specialties with reference to the area learning outcomes described in the Polish Qualifications Framework (PRK) is presented in the tabular statement in Tables 1A-1C.

Learning outcomes for the course of Economics.

Second-cycle studies - general academic profile

Table 1. The table of program references of the learning outcomes of the course of **Economics** to the first and second degree characteristics of the Polish Qualifications Framework (PRK).

Symbol of the learning outcomes for the course	DESCRIPTION OF THE LEARNING OUTCOME After completing the second-cycle studies in Economics, the graduate	Reference to the area learning outcomes described in the PRK (code of the PRK description component)
KNOWLEDGE		
06E-2A_W01	knows the terminology used in economics and understands its sources and applications within the social sciences at the extended level	P7S_WG
06E-2A_W02	has a broad knowledge of other social sciences (sociology and psychology, law and philosophy, management) and their relationship to economics	P7S_WG
06E-2A_W03	has a structured and formalized knowledge about the history of development of market institutions and understands the context of their formation and evolution	P7S_WG P7S_WK

06E-2A_W04	has deepened and structured knowledge about contemporary and historical economic trends, their basic assertions and their critical assessment	P7S_WG P7S_WK
06E-2A_W05	has a broad knowledge of the behavior of entrepreneurs in the field of production management, resource management or investment, as well as consumers in the selection of goods, optimization of working time or management of savings, as well as understands the interdependencies between entities on the market	P7S_WG P7S_WK
06E-2A_W06	has a broad knowledge of the importance of natural resources and institutional factors for the shaping of economic processes	P7S_WG P7S_WK
06E-2A_W07	has an extended knowledge enabling assessment of economic phenomena in the national, international and intercultural perspective	P7S_WG
06E-2A_W08	knows the quantitative tools used in economic research and used to solve decision-making, strategic and operational problems - also in dynamic approach	P7S_WG
06E-2A_W09	knows the basic legal regulations in the field of intellectual property and copyright protection	P7S_WG
SKILLS		
06E-2A_U01	can make observations of economic phenomena and interpret the relationships between the factors that cause them, using the right analytical tools	P7S_UW
06E-2A_U02	can use both basic and extended 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; in addition, can critically choose methods of analysis	P7S_UW P7S_UK
06E-2A_U03	is able to analyze and predict the effects of economic decisions based on the knowledge of economic theories as well as quantitative and qualitative research techniques	P7S_UW

06E-2A_U04	can accurately and consistently express himself/herself in speech and writing on topics concerning various economic issues and lying on the borderline of various scientific disciplines; in addition, is able to present the substantive justification of the opinions presented	P7S_UK
06E-2A_U05	is able to prepare advanced reports, analyzes and expert reports which facilitate making correct economic decisions in conditions of uncertainty and risk	P7S_UW P7S_UK
06E-2A_U06	has the ability to independently collect, select and process information, and can identify gaps in their knowledge and independently supplement them, as well as relate their knowledge to their own business decisions	P7S_UW P7S_UO P7S_UU
06E-2A_U07	is able to work in a team solving specific tasks in the field of economics, also performing a managerial role and independently choosing means and methods of work in order to effectively perform emerging professional tasks requiring extended skills in relation to various types of legal and ethical norms	P7S_UO
06E-2A_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	P7S_UK
SOCIAL COMPETENCIES		
06E-2A_K01	is aware of the level of their knowledge, makes self-assessment of their own competences, can complement and improve acquired knowledge and skills, understands the need for continuous professional training and personal development, consciously shaping his or her own professional career	P7S_KK
06E-2A_K02	is aware of the advantages and limitations of the theories and research methods learned; is creatively looking for solutions to the problems posed before them and is open to new scientific and methodological concepts	P7S_KK
06E-2A_K03	is able to engage in discussions and formulate in their course their own position, but is able to point out arguments to support their opinion, but remains open to arguments in favor of other views	P7S_KK

06E-2A_K04	cares about the reliability of the analyzes and the precision of the argument, is critical of their own work and sees the limitations of data used in research	P7S_KK P7S_KR
06E-2A_K05	is able to work and cooperate in a group, actively participates in groups, organizations or institutions, is open to cooperation and building relationships, to the needs and expectations of other people, represents a creative and entrepreneurial attitude, can manage human teams, is ready to take on professional challenges, is persistently striving to implement individual and team actions	P7S_KO
06E-2A_K06	follows the rules 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, is sensitive to social, economic and ecological problems	P7S_KR P7S_KO
06E-2A_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.	P7S_KR
06E-2A_K08	acts in accordance with good practices regarding the principles of protection of intellectual property of and copyright	P7S_KR

Table 1A. Reference to the learning outcomes set for the **Advanced Economic Analysis** specialty to the course learning outcomes.

Symbol of the learning outcomes for the specialty	DESCRIPTION OF THE LEARNING OUTCOME After completing the Advanced Economic Analysis specialty module at the second-cycle studies in Economics, the graduate	Reference to learning outcomes
KNOWLEDGE		
06EI2A_W01	has advanced and structured knowledge about theoretical concepts concerning economic processes taking place in the global economy	06E-2A_W01 06E-2A_W07
06EI2A_W02	has an in-depth knowledge of the functioning of international financial markets, labor markets, methods of their analysis and valuation of financial assets	06E-2A_W03 06E-2A_W05
06EI2A_W03	has advanced and structured knowledge about creating enterprises, resource management and relations between entities in the economic environment in the global dimension	06E-2A_W02 06E-2A_W07
06EI2A_W04	he has an in-depth knowledge of economic phenomena in the national and international perspective	06E-2A_W01 06E-2A_W02
06EI2A_W05	knows advanced quantitative and qualitative methods of financial and economic data analysis	06E-2A_W08
SKILLS		
06EI2A_U01	is able to conduct advanced economic and financial analyzes in the national and international perspective	06E-2A_U02 06E-2A_U03
06EI2A_U02	can make a creative interpretation of phenomena and processes taking place in the global economy on the financial market and labor market	06E-2A_U01 06E-2A_U02
06EI2A_U03	is able to choose the right analytical and research tools to assess and make an innovative analysis of the processes taking place in the global economy	06E-2A_U03 06E-2A_U04

06EI2A_U04	is able to make a critical analysis and evaluation of economic phenomena in order to solve unusual economic problems	06E-2A_U01 06E-2A_U06
06EI2A_U05	can use advanced information and communication methods and techniques in order to logically and intelligibly present conclusions from economic and financial analyzes	06E-2A_U03 06E-2A_U07
SOCIAL COMPETENCIES		
06EI2A_K01	is ready to develop their economic and financial knowledge	06E-2A_K01 06E-2A_K02
06EI2A_K02	can creatively participate in the discussion and inspire to search for innovative solutions to advanced economic problems	06E-2A_K02 06E-2A_K05
06EI2A_K03	can make a critical assessment of their own and other people's views	06E-2A_K02 06E-2A_K04

Table 1B Reference to the learning outcomes set for the **Circular Economy** specialty to the course learning outcomes.

Symbol of the learning outcomes for the specialty	DESCRIPTION OF THE LEARNING OUTCOME After completing the Circular Economy specialty module at the second-cycle studies in Economics, the graduate	Reference to learning outcomes
KNOWLEDGE		
06EC2A_W01	knows and understands the key concepts and principles of sustainable development, transport, tourism and agriculture	06E-2A_W01 06E-2A_W07
06EC2A_W02	has an extended knowledge of economic structures and institutions operating in the field of environmental protection	06E-2A_W03 06E-2A_W05
06EC2A_W03	has advanced knowledge of the role of man undertaking business in the natural environment	06E-2A_W02 06E-2A_W07
06EC2A_W04	knows and understands socio-economic relations, indicates their impact on environmental change processes, has an in-depth knowledge about their causes and consequences for the economy, man and environment	06E-2A_W01 06E-2A_W02
06EC2A_W05	has a broad knowledge about achievements in the field of eco-innovations and facilities, equipment and environmental technologies, knows and mentions the possibilities of their application in business practice, taking into account the principles of environmental law, industrial property and copyright law	06E-2A_W05 06E-2A_W06 06E-2A_W09
06EC2A_W06	knows and understands the relationship between the economy and the environment in practice; has a broad 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	06E-2A_W06 06E-2A_W07
06EC2A_W07	knows and understands various economic and legal aspects in the field of environmental protection	06E-2A_W02 06E-2A_W09

06EC2A_W08	has an extended knowledge of key concepts, objectives, principles and instruments determining the pursued policy of environmental protection, and describes the environmental and economic effects of the pursued policy, also in the international aspect	06E-2A_W07
06EC2A_W09	has in-depth knowledge of activities undertaken to protect the environment at the micro- and macroeconomic level, including CRS activities and knows the possibilities of their application in economic practice, also on an international scale	06E-2A_W05 06E-2A_W07
06EC2A_W10	knows and understands the legal aspects of environmental protection, environmental policy, economy of using renewable energy sources, waste management and water and sewage management	06E-2A_W03 06E-2A_W07
SKILLS		
06EC2A_U01	can describe and indicate the importance of economic sciences in solving complex environmental problems in economic practice	06E-2A_U02 06E-2A_U03
06EC2A_U02	can explain the essence of close links between the economy and the environment, the impact of the economy on the condition of and threat to nature to the extent necessary for understanding contemporary political, social and economic phenomena	06E-2A_U01 06E-2A_U02
06EC2A_U03	uses the acquired knowledge and broad skills, as well as their profession as an economist in domestic and international units, where occur problems related to the protection of the natural environment	06E-2A_U03 06E-2A_U04
06EC2A_U04	can observe, interpret, and analyze phenomena which occur in the natural environment, as well as can analyze their impact on particular areas of economic activity	06E-2A_U01 06E-2A_U06

06EC2A_U05	is able to use advanced economic knowledge, including the knowledge of environmental economics in professional practice in order to analyze and interpret various economic problems and formulate practical conclusions, as well as to solve dilemmas appearing in professional work in domestic and international units obliged to comply with environmental protection regulations (including using normative systems, selected norms and rules)	06E-2A_U04 06E-2A_U06
06EC2A_U06	can accurately and consistently express in speech and in writing on topics related to environmental protection, using various theoretical approaches and skillfully formulate practical conclusions and recommendations for the economy and international business	06E-2A_U04 06E-2A_U06
06EC2A_U07	can prepare (on their own or as part of a team) various types of reports, analyzes, statements, and expert opinions which may enable taking correct economic decisions aimed at limiting the negative effects of civilization processes on the natural environment	06E-2A_U05 06E-2A_U06
06EC2A_U08	can analyze their own activities; in addition, is able to verify the correctness of reports, analyzes and expert opinions made by themselves and others, including those concerning applied and proposed environmental technologies in the field of environmental protection	06E-2A_U05 06E-2A_U06
06EC2A_U09	can work in a team solving advanced tasks in the field of economics and environmental protection, correctly using selected normative systems in order 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-2A_U06 06E-2A_U07
06EC2A_U10	analyzes and explains the relationships between the economy, environment and ecology, and uses diversified methods and advanced quantitative tools to describe these relationships	06E-2A_U03 06E-2A_U06

06EC2A_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), can use reports, analyzes of various organizations and institutions (domestic, international) to assess the risk of environmental hazards and then interpret them, draw conclusions and formulate opinions, use the acquired information in professional practice	06E-2A_U05 06E-2A_U06 06E-2A_U08
06EC2A_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 diversified theoretical approaches, as well as various sources	06E-2A_U06 06E-2A_U07 06E-2A_U08
06EC2A_U13	has the ability to prepare on their own and in a group multimedia presentations and oral presentations in Polish and foreign language on the subject of [economics and environmental protection ekonomii i ochrony środowiska] using in-depth theoretical approaches, as well as various sources.	06E-2A_U06 06E-2A_U07 06E-2A_U08
06EC2A_U14	can acquire information, analyze, perform practical tasks under the guidance of a scientific supervisor, and also advise on matters related to the need to comply with environmental protection regulations in business	06E-2A_U04 06E-2A_U06
SOCIAL COMPETENCIES		
06EC2A_K01	is aware of the necessity of constantly improving their qualifications, tracking information about in-depth interactions between the economy, environment and man	06E-2A_K01 06E-2A_K02
06EC2A_K02	is able to work on their own and in a team, and uses their knowledge and skills in a creative, responsible and ethical way	06E-2A_K02 06E-2A_K05

06EC2A_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 or co-organizes initiatives for environmental protection	06E-2A_K02 06E-2A_K04 06E-2A_K06
06EC2A_K04	demonstrates sensitivity and a critical look at the social, economic and ecological dilemmas of the modern economy, with particular emphasis on preserving the values of the natural environment	06E-2A_K02 06E-2A_K03

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 specialty	DESCRIPTION OF THE LEARNING OUTCOME After completing the International Business specialty module at the second-cycle studies in Economics, the graduate	Reference to learning outcomes
KNOWLEDGE		
06EG2A_W01	has advanced and structured knowledge about world trading system and its current and future developments	06E-2A_W01 06E-2A_W04
06EG2A_W02	knows the types of risks and methods of managing it in the international operations	06E-2A_W05 06E-2A_W07
06EG2A_W03	knows the various business models and current tendencies in the global business	06E-2A_W01 06E-2A_W02
06EG2A_W04	knows the sources and forms of financing international economic activities	06E-2A_W05 06E-2A_W08
06EG2A_W05	knows quantitative and qualitative methods of international market analysis	06E-2A_W04 06E-2A_W08
06EG2A_W06	is familiar with the types and characteristics of international business transactions and restrictions to the access to foreign markets	06E-2A_W01 06E-2A_W05
06EG2A_W07	is able to classify national cultures and identify the sources of cultural stereotypes	06E-2A_W02 06E-2A_W07
SKILLS		
06EG2A_U01	can identify the specific characteristics of different business models	06E-2A_U01 06E-2A_U03
06EG2A_U02	can identify and select business strategies used in international business	06E-2A_U01 06E-2A_U02 06E-2A_U05

06EG2A_U03	is able to identify the areas of international business in which national cultures exert the greatest impact	06E-2A_U04 06E-2A_U06 06E-2A_U08
06EG2A_U04	is able to take into account cultural differences in contacts and doing business with various nations	06E-2A_U04 06E-2A_U07 06E-2A_U08
06EG2A_U05	is capable of adapting business to culturally differentiated environment	06E-2A_U06 06E-2A_U07
06EG2A_U06	knows how to collect the materials and data to describe business systems of the selected countries and how to use that knowledge while doing business	06E-2A_U01 06E-2A_U02
06EG2A_U07	can respond effectively to challenges and complex situations in business life	06E-2A_U02 06E-2A_U04 06E-2A_U06
06EG2A_U08	is able to develop international business plan and to implement it	06E-2A_U02 06E-2A_U05
SOCIAL COMPETENCIES		
06EG2A_K01	overcomes negative feelings associated with the change of cultural environment	06E-2A_K01 06E-2A_K02
06EG2A_K02	shows a critical attitude towards cultural stereotypes and prejudices	06E-2A_K03 06E-2A_K05 06E-2A_K07
06EG2A_K03	is ready to build better intercultural relationships with business people around the world	06E-2A_K01 06E-2A_K03 06E-2A_K05
06EG2A_K04	makes a critical assessment of his own and others' views	06E-2A_K01 06E-2A_K02 06E-2A_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-2A_W09);
- as part of research work, the graduate will follow the rules of protection of intellectual property and copyright (06E-2A_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 predicted 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 amounted to 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

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

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

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.

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 aims, in line with the vision of the University of Lodz, at preparing graduates to meet the requirements of a dynamic labor market, while being sensitive to social problems. 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 open-minded people who want to broaden their horizons, look for inspiration and want to get to know different views and ideas.

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 course of Business Management implemented at another faculty of the University of Lodz - the Faculty of Management.

Economics, unlike the above-mentioned course, which focuses on specialized areas of knowledge, 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 second-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 third-cycle studies in economics.

Other differences in relation to the above-mentioned curriculum 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 curricula - taking into account new knowledge, which is partly the result of research by the educators themselves, and constant adaptation of 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 second-cycle studies - semester grid

kierunek studiów: **ECONOMICS**
 profil studiów: **general academic**
 stopień: **second**
 forma studiów: **full-time**
 od roku: **2021/2022**

Year	Semester	Subject	CODE	Details								Exam/cr edit with grade	ECTS	Module	
				Number of Hours						Total					
				Lecture	Tut Aud.	Workshop	Computer lab.	Undergrad. semin.	Language						
I	1	Advanced Microeconomics		28	28		14				70	E	11	MP	
	1	History of Economic Thought		14	14						28	E	4	MP	
	1	Development Economics		14	14						28	E	4	MP	
	1	Capital Market		14	14						28	E	4	MP	
	1	Economic Mathematics		14	14						28	Z	4	MP	
	1	Contemporary Economics - key issues			14						14	Z	2	MP	
	Total after 1st semester:										Hours: 196	ECTS: 29			
	2	Advanced Macroeconomics		28	28		14				70	E	11	MP	
	2	Institutions in Economy		14	14						28	Z	4	MP	
	2	International Economics		28	28						56	E	8	MP	
	2	Economic Law		28							28	Z	4	MP	
2	Graduate Thesis Seminar							28		28	Z	4	MW		
Total after 2nd semester:										Hours: 210	ECTS: 31				
II	3	Econometrics and Forecasting		14			14			28	E	4	MP		
	3	Philosophy		14						14	Z	2	MP		
	3	Seminar on Economics (in English)			28					28	E	5	MW		
	3	Elective Lectures		28						28	Z	2	MW		
	3	Speciality Module								84	Z	12	MW		
	3	Graduate Thesis Seminar							28	28	Z	5	MW		
	Total after 3rd semester:										Hours: 210	ECTS: 30			
4	Speciality Module									84	Z	12	MW		
4	Elective Lectures		14							14	Z	1	MW		
4	Graduate Thesis Seminar							28	28	Z	7	MW			
4	Degree Examination								0	E	10	MW			
Total after 4th semester:										Hours: 126	ECTS: 30				
GRAND TOTAL:										Hours: 742	ECTS: 120				

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

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

ADVANCED ECONOMIC ANALYSIS specialization module

year	semester	Speciality module course	CODE	Details					Exam/cr edit with grade	ECTS	
				Number of hours							Total
				lectures	tutorial	workshop	computer lab.				
II	4	Advanced Times Series Econometrics		14			14	28	Z	4	
	4	Advanced Economic Policy					28	28	Z	4	
	4	Political Economy		28				28	Z	4	
	4	Heterodox Economics		28				28	Z	4	
	4	Advanced Panel Data Econometrics		14			14	28	Z	4	
	4	Topics in labour economics		28				28	Z	4	
speciality module: ADVANCED ECONOMIC ANALYSIS								Hours: 168	p. ECTS: 24		

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

CIRCULAR ECONOMY specialization module

year	semester	Speciality module course	Details								
			CODE	Number of hours					Exam/credit with grade	ECTS	
				lectures	tutorial	workshop	computer lab.	Total			
II	3	Environmental Law		14				14	Z	2	
	3	Fuel and Energy Management		14	14			28	Z	4	
	3	Sustainable Transportation, Tourism and Agriculture		28				28	Z	4	
	3	Renewable Energy Sources Management		14				14	Z	2	
	4	International Business and Environment Protection		14	14			28	Z	4	
	4	Policies on the Markets of Network Sectors		28				28	Z	4	
	4	Transnational Regulations of Environment Protection		28				28	Z	4	
Speciality module: CIRCULAR ECONOMY								Hours:	168	p. ECTS:	24

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

INTERNATIONAL 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	3	Business Etiquette			14			14	Z	2	
	3	International Business Communication			28			28	Z	4	
	3	Financial Management in International Business			28			28	Z	4	
	3	World Trading System			14			14	Z	2	
	4	Cultural Aspects in International Business			28			28	Z	4	
	4	Business Strategies in the International Firm			28			28	Z	4	
	4	Business Models and Operations			28			28	Z	4	
Speciality module: INTERNATIONAL BUSINESS								Hours:	168	p. ECTS:	24

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	4 semesters, 120 ECTS credits
Total number of ECTS credits that the student must obtain under contact classes (requiring direct participation of lecturers and students)	65 (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

	<p>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>28</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>58</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, including 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 are 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 of study, specialty outcomes were also taken into account.

The analysis of matrices makes it possible to conclude that the implementation of the second-cycle curricula for Economics ensures achievement of the anticipated learning outcomes (all the course related learning outcomes correspond to the learning outcomes achieved as a result of implementing 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 common learning outcomes for the second-cycle studies course of Economics

Subjects Learning Outcomes	Advanced Microeconomics	Advanced Macroeconomics	Capital Market	Econometrics and Forecasting	History of Economic Thought	International Economics	Development Economics	Contemporary Economics - key issues	Institutions in Economy	Economic Mathematics	Philosophy	Economic Law	Seminar on Economics (in English)	Elective Lectures	Graduate Thesis Seminar	Degree Examination
	Knowledge															
06E-2A_W01	+	+	+		+	+	+	+	+				+	+	+	
06E-2A_W02									+		+	+		+		
06E-2A_W03	+	+			+	+			+							
06E-2A_W04					+											
06E-2A_W05	+	+	+			+	+									
06E-2A_W06							+		+							
06E-2A_W07				+		+		+						+		
06E-2A_W08				+						+						
06E-2A_W09												+			+	

Matrix of common learning outcomes for the second-cycle studies course of Economics

Subjects Learning Outcomes	Advanced Microeconomics	Advanced Macroeconomics	Capital Market	Econometrics and Forecasting	History of Economic Thought	International Economics	Development Economics	Contemporary Economics - key issues	Institutions in Economy	Economic Mathematics	Philosophy	Economic Law	Seminar on Economics (in English)	Elective Lectures	Graduate Thesis Seminar	Degree Examination
	Skills															
06E-2A_U01	+	+		+	+	+	+	+	+	+			+	+	+	+
06E-2A_U02	+	+	+	+	+	+	+				+	+	+		+	+
06E-2A_U03				+						+						
06E-2A_U04	+	+			+	+	+				+	+	+	+	+	+
06E-2A_U05			+	+						+						
06E-2A_U06				+	+			+	+				+	+	+	+
06E-2A_U07												+	+		+	
06E-2A_U08													+			

Matrix of common learning outcomes for the second-cycle studies course of Economics

Subjects Learning Outcomes	Advanced Microeconomics	Advanced Macroeconomics	Capital Market	Econometrics and Forecasting	History of Economic Thought	International Economics	Development Economics	Contemporary Economics - key issues	Institutions in Economy	Economic Mathematics	Philosophy	Economic Law	Seminar on Economics (in English)	Elective Lectures	Graduate Thesis Seminar	Degree Examination
	Social competencies															
06E-2A_K01	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
06E-2A_K02			+	+	+	+	+		+				+		+	+
06E-2A_K03	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
06E-2A_K04				+						+			+			+
06E-2A_K05													+		+	+
06E-2A_K06							+				+	+			+	
06E-2A_K07			+	+									+	+		+
06E-2A_K08															+	

Matrix of learning outcomes for the Advanced economic analysis speciality

Subjects Learning outcomes	Advanced time series econometrics	Advanced economic policy	Political economy	Heterodox economics	Advanced panel data econometrics	Topics in labour economics
Knowledge						
06EI2A_W01			+	+		+
06EI2A_W02	+				+	+
06EI2A_W03		+	+	+		
06EI2A_W04		+	+	+		+
06EI2A_W05	+				+	
Skills						
06EI2A_U01	+	+			+	+
06EI2A_U02		+	+	+		+
06EI2A_U03	+				+	
06EI2A_U04		+	+	+		
06EI2A_U05	+				+	
Social competencies						
06EI2A_K01		+	+	+		+
06EI2A_K02	+	+	+	+	+	+
06EI2A_K03		+	+	+		

Matrix of learning outcomes for the Circular Economy speciality

Learning outcomes	Subjects						
	Environmental law	Fuel and energy management	Sustainable transportation, tourism and agriculture	Renewable energy sources management	International business and environment protection	Policies on the markets of network sectors	Transnational regulations of environment protection
Knowledge							
06EC2A_W01		+	+	+			+
06EC2A_W02	+			+	+	+	+
06EC2A_W03		+	+	+	+		
06EC2A_W04		+	+	+	+		
06EC2A_W05		+	+	+	+	+	
06EC2A_W06	+	+	+	+	+	+	+
06EC2A_W07	+					+	+
06EC2A_W08	+		+		+	+	+
06EC2A_W09	+		+		+		+
06EC2A_W10		+		+		+	+
Skills							
06EC2A_U01				+		+	
06EC2A_U02		+	+	+	+	+	
06EC2A_U03	+		+		+		+
06EC2A_U04		+	+	+	+	+	
06EC2A_U05	+	+	+	+	+	+	+
06EC2A_U06		+	+	+	+		
06EC2A_U07		+	+	+	+	+	
06EC2A_U08		+		+			
06EC2A_U09		+	+	+	+		
06EC2A_U10		+	+	+	+	+	
06EC2A_U11		+	+	+	+	+	
06EC2A_U12		+	+	+	+		+
06EC2A_U13		+	+	+	+		
06EC2A_U14	+	+	+	+	+	+	+
Social competencies							
06EC2A_K01	+		+		+	+	+
06EC2A_K02	+		+	+	+	+	
06EC2A_K03		+	+	+	+		
06EC2A_K04		+	+	+	+	+	

Matrix of learning outcomes for the International business speciality

Subjects Learning outcomes	Business etiquette	International business communication	Financial management in international business	World trading system	Cultural aspects in international business	Business strategies in international firm	Business models and operations
	Knowledge						
06EG2A_W01				+		+	+
06EG2A_W02			+	+	+	+	
06EG2A_W03			+	+		+	+
06EG2A_W04			+			+	
06EG2A_W05						+	+
06EG2A_W06	+	+		+		+	+
06EG2A_W07	+	+			+		
Skills							
06EG2A_U01						+	+
06EG2A_U02	+		+	+		+	
06EG2A_U03	+			+	+		
06EG2A_U04	+	+			+		
06EG2A_U05					+	+	+
06EG2A_U06			+	+		+	+
06EG2A_U07	+	+				+	
06EG2A_U08			+			+	+
Social competencies							
06EG2A_K01	+	+			+		
06EG2A_K02					+		
06EG2A_K03	+	+		+		+	
06EG2A_K04			+	+		+	+

c. Dimension, rules, and forms of internships

Second-cycle students of Economics are not required to complete internships.

d. Indication of classes ensuring students participation in research

Second-cycle studies in Economics enable students to participate in research. In particular, the following subjects are aimed at achieving this goal:

- Economic mathematics,

- Econometrics and forecasting,
- Master's seminar.

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 second-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.