



SZKOŁA GŁÓWNA
GOSPODARSTWA
WIEJSKIEGO

Study programme

Management

Faculty:	Faculty of Economics
Level of study:	first cycle (bachelor's degree)
Education profile:	General academic
Form of study:	full-time studies
Academic year:	2025/26

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Basic information

Faculty name:	Faculty of Economics
Major name:	Management
Level of study:	first cycle (bachelor's degree)
Profile of study:	General academic
Form of study:	full-time studies
Duration of studies (number of semesters):	6
Number of ECTS required to complete the studies:	180
The number of ECTS points a student obtains during classes conducted with the direct participation of academic teachers or other persons conducting classes:	90,4
Professional title awarded to graduates:	licencjat
ISCED code:	0413
Language of study:	english

Assigning the major to the fields and disciplines to which the learning outcomes relate

Management science and quality	100%
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Major characteristics

Major characteristics

The concept and objectives of education in the field of Management at the general academic bachelor's studies conducted in the form of full-time studies result directly from the education quality policy and the adopted strategy of the Warsaw University of Life Sciences and the strategic objectives included therein. The mission of the Warsaw University of Life Sciences is to serve the intellectual, social and economic development of Polish society and the international community, with particular emphasis on the sustainable development of rural areas, food economy and the broadly understood natural environment (Warsaw University of Life Sciences Strategy until 2030). The stated objective is to conduct research and education at the highest level, as well as implementation activities, contributing to sustainable development and minimizing the negative effects of future events, including climate change.

The Warsaw University of Life Sciences intends to achieve the above strategic assumptions by implementing five closely interconnected areas of strategic activities, within the scope of the following strategic goals: high level of scientific research, high quality of education, effective international cooperation, effective cooperation with the socio-economic environment, strong economic position, efficient administration and modern infrastructure - "Campus 2030".

First degree studies in the field of Management lasting 6 semesters. During the first year of studies, training courses are modules in which general knowledge is passed on and skills needed during studies in semesters are shaped. Starting from the semester, during semesters 3-6, students complete compulsory subjects, benefit from the learning outcomes and graduate competences, but also, in each of these semesters, have the opportunity to pursue selected subjects. In semesters 3-4, students choose three per semester, for a total of 9 ECTS credits in each semester, of which two modules are offered in the group of specific fields of study, and one in the study group, expanding additional information and knowledge. In semesters 5 and 6, students complete four modules selected from groups of selected majors (two per semester), for a total of 12 ECTS and two elective subjects in a foreign language for 4 ECTS. The freedom to choose from the offered set gives students the opportunity to shape their professional development paths within the field of study, but also gives them the opportunity to expand their knowledge due to the direct relationship with the fields of study. In the semesters, select the majors and use them in the preceding semester. The selection pool to choose from each semester is open and allows for new entry.

The study program provides for the possibility of taking advantage of mobility. During semesters 3-6, students can participate in an international exchange under the Erasmus program. The study program includes subjects dedicated to visiting professors (a subject in a foreign language).

Learning objectives

The aim of education in the field of Management are aimed at gaining by students a thorough theoretical and practical knowledge in the field of management and quality sciences and related sciences regarding the essence, regularities and problems of the functioning of organizations - enterprises, public institutions. They have the skills to identify, diagnose and solve problems related to managing human, material, financial and information resources.

Education concept

The concept of education in the field of Management enables first-cycle students to learn and understand, among others: the theoretical foundations of the relationship between social structures and institutions, and in particular between enterprises, organizations and households, on a national and international scale; principles of human activity as a subject constituting an enterprise and organization and functioning within them; methods and tools, including data acquisition techniques, appropriate for the fields of economic sciences, in particular management, allowing to describe economic entities and the processes regulating their functioning; norms and principles (organisational, legal, moral and ethical) regulating the functioning of business entities (enterprises, organizations and households), including, important for management, basic concepts and principles in the field of industrial property protection and copyright law; the principles of creating and developing various forms of entrepreneurship, including the creation and management of a start-up company.

The elective courses offered to students (major subjects and subjects in a foreign language) are related to the scientific activity conducted at the University.

Description of work placement (if provided for in the study programme)

During the practice, students are required to perform activities related to the functioning of the institution or enterprise, commissioned by the owner (direct supervisor). It is advisable for the student to perform work related to the field of study. During the internship, students are required to: prepare a detailed internship report in traditional and electronic versions; prepare a presentation about the unit (in an electronic version), keep records in the internship diary regarding the type of work performed, its duration and own observations and conclusions; implementation of tasks set by direct internship supervisors. Completion of the internship in institutions or enterprises (passing the exam) is a necessary requirement to complete the fifth semester of studies. Practice during the studies allows students to verify the knowledge acquired in business practice and gives the opportunity to reflect on further specialization of education, including by selecting subjects to be implemented.

Graduate profile

Graduates know the theoretical basis of the relationship between social structures and institutions, and understand the principles of human functioning in the processes taking place in social structures. They know the norms and principles governing the functioning of economic entities, including the basic concepts and principles in the field of industrial property protection and copyright, as well as the principles of creating and developing various forms of entrepreneurship and social activity, using knowledge in the field of agribusiness management. The graduate also has knowledge of copyright and related rights, as well as the protection of industrial intellectual property.

Graduates are able to obtain source materials in the field of management and analyze the causes and course of specific social, economic and organizational processes and phenomena. They are able to use the acquired knowledge to solve problems typical for the management of phenomena and processes in agribusiness and in rural areas. They have the ability to independently plan and implement their own development, they know a foreign language at the B2 level of the Common European Framework of Reference for Languages, and they can use a specialist language in the field of management.

Graduates are ready for team cooperation, performing managerial functions in a team, responsible participation in the preparation of socio-economic projects, as well as ethical and creative problem solving in the field of management, taking into account the specificity of agribusiness.

A graduate of first-cycle studies is prepared to undertake second-cycle or post-graduate studies.

Learning outcomes

Knowledge

Code	Content	PRK
Zj_K1_W01	The graduate knows and understands the theoretical foundations of relationships between social structures and institutions, particularly between enterprises, organizations, and households, on both national and international scales, taking into account dynamic market and technological changes	P6S_WG
Zj_K1_W02	The graduate knows and understands the essence of personality and motivation as key aspects of individuals within enterprises and organizations, as well as the principles governing the functioning of individuals and groups in processes occurring within social and organizational structures	P6S_WG
Zj_K1_W03	The graduate knows and understands the methods and tools, including data collection techniques, relevant to the fields of social sciences, particularly management and quality sciences, enabling the description of economic entities and the processes regulating their functioning.	P6S_WG
Zj_K1_W04	The graduate knows and understands the norms and principles (organizational, legal, ethical, and social) influencing the functioning of enterprises, organizations, and household	P6S_WK
Zj_K1_W05	The graduate knows and understands the key concepts of intellectual property, industrial property, and copyright protection, particularly in the context of innovation management and modern business models	P6S_WK
Zj_K1_W06	The graduate knows and understands the principles of creating and developing various forms of entrepreneurship, including managing start-ups and social projects, by utilizing knowledge of management and modern technologies across different sectors of the economy, including agribusiness	P6S_WK

Skills

Code	Content	PRK
Zj_K1_U01	The graduate is able to critically analyze the causes and course of specific social, economic, and organizational processes and phenomena	P6S_UW
Zj_K1_U02	The graduate is able to apply acquired knowledge to solve complex problems and dilemmas in a manager's work, taking into account dynamic changes in the business environment	P6S_UW
Zj_K1_U03	The graduate is able to apply theoretical knowledge and gather data from various sources to formulate and solve problems typical of managing phenomena and processes in agribusiness and rural areas, with particular emphasis on innovative technologies and sustainable development	P6S_UW
Zj_K1_U04	The graduate is able to communicate effectively with various stakeholder groups, engage in professional discussions considering different perspectives, and share knowledge within the academic and business environments, and use a foreign language at the B2 level of the Common European Framework of Reference for Languages	P6S_UK
Zj_K1_U05	The graduate is able to analyze solutions to specific management problems and propose creative and practical solutions, both individually and within interdisciplinary project teams	P6S_UO
Zj_K1_U06	The graduate is able to independently plan and implement their own development to analyse phenomena and processes, trends in the field of enterprise and organisation management, with particular emphasis on agribusiness	P6S_UU

Social competence

Code	Content	PRK
Zj_K1_K01	The graduate is is ready to critically analyze knowledge resources, seek expert support, and utilize interdisciplinary knowledge	P6S_KK
Zj_K1_K02	The graduate is ready to actively and responsibly participate in the preparation of socio-economic projects, considering the interdisciplinarity of management and the public interest	P6S_KO
Zj_K1_K03	The graduate is ready to collaborate in a team, flexibly assuming different roles, including that of a leader, and effectively manage the team	P6S_KR
Zj_K1_K04	The graduate is ready to ethically, creatively, and responsibly solve management problems, taking into account the specifics of agribusiness, including issues of sustainable development	P6S_KR

Study plan

Semester 1

Subject	Number of hours	ECTS points	Form of verification	Mandatory
OHS training	OHS training: 4	0	Pass	Obligatory subjects
Intellectual property protection	Lecture: 15, including remote classes: • Synchronous lecture: 15	1	Pass with grade	Obligatory subjects
Knowledge of Organizations	Lecture: 15 Auditorium exercises: 15	3	Exam	Obligatory subjects
Economic Geography	Lecture: 15 Auditorium exercises: 15	3	Pass with grade	Obligatory subjects
Psychosocial Aspects of Work	Lecture: 15 Auditorium exercises: 15	3	Pass with grade	Obligatory subjects
Microeconomics	Lecture: 30 Auditorium exercises: 30	5	Exam	Obligatory subjects
Mathematics for Economists	Lecture: 30 Auditorium exercises: 30	6	Exam	Obligatory subjects
Introduction to Management	Lecture: 15	2	Pass with grade	Obligatory subjects
Law	Lecture: 30, including remote classes: • Synchronous lecture: 30	3	Pass with grade	Obligatory subjects
Information Technology	Lecture: 15, including remote classes: • Synchronous lecture: 15 Laboratory exercises: 30, including remote classes: • Synchronous laboratory exercises: 30	4	Pass with grade	Obligatory subjects
Sum	319	30		

Semester 2

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Social communication	Lecture: 15 Auditorium exercises: 15	3	Pass with grade	Obligatory subjects
Management	Lecture: 30 Auditorium exercises: 30	5	Exam	Obligatory subjects
Macroeconomics	Lecture: 30 Auditorium exercises: 30	5	Exam	Obligatory subjects
Food Sector Economics	Lecture: 15 Auditorium exercises: 15	3	Pass with grade	Obligatory subjects
Accounting	Lecture: 15 Auditorium exercises: 30	4	Exam	Obligatory subjects
Marketing	Lecture: 30 Auditorium exercises: 15	4	Exam	Obligatory subjects
Introduction to Agriculture	Lecture: 30, including remote classes: • Synchronous lecture: 30	3	Pass with grade	Obligatory subjects
Foreign language	Language course: 60	3	Pass with grade	Mandatory group
The student conducts foreign language classes from semester 1.				
English language	Language course: 60	3	Pass with grade	Elective subjects
German language	Language course: 60	3	Pass with grade	Elective subjects
Russian language	Language course: 60	3	Pass with grade	Elective subjects
Spanish language	Language course: 60	3	Pass with grade	Elective subjects
Physical education	Physical education: 30	0	Pass	Mandatory group
The student conducts physical education classes selected.				
Physical education	Physical education: 30	0	Pass	Elective subjects
Sum	390	30		

Semester 3

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Human Resources Management	Lecture: 30, including remote classes: • Synchronous lecture: 30	3	Pass with grade	Obligatory subjects
Basics of Finance	Lecture: 15 Auditorium exercises: 15	3	Pass with grade	Obligatory subjects
International Economic Relations	Lecture: 15 Auditorium exercises: 15	3	Pass with grade	Obligatory subjects
Statistics	Lecture: 15 Laboratory exercises: 30	4	Exam	Obligatory subjects
Organisational Behaviour	Lecture: 30 Auditorium exercises: 15	4	Exam	Obligatory subjects
Foreign language	Language course: 60	3	Pass with grade	Mandatory group
The student conducts foreign language classes.				
English language	Language course: 60	3	Pass with grade	Elective subjects
German language	Language course: 60	3	Pass with grade	Elective subjects
Russian language	Language course: 60	3	Pass with grade	Elective subjects
Spanish language	Language course: 60	3	Pass with grade	Elective subjects
Confirmation B2 foreign language	Contact hours: 2	1	Exam	Obligatory subjects
Physical education	Physical education: 30	0	Pass	Mandatory group
The student conducts physical education classes.				
Physical education	Physical education: 30	0	Pass	Elective subjects
Specialisation elective course	Lecture: 40, including remote classes: • Synchronous lecture: 40 Auditorium exercises: 20, including remote classes: • Synchronous auditorium exercises: 20	6	Pass with grade	Mandatory group

Subject	Number of hours	ECTS points	Form of verification	Mandatory
The student chooses two subjects from the Faculty's offer				
An open list of optional subjects	Lecture: 40, including remote classes: • Synchronous lecture: 40 Auditorium exercises: 20, including remote classes: • Synchronous auditorium exercises: 20	6	Pass with grade	Elective subjects
General elective courses	Lecture: 20, including remote classes: • Synchronous lecture: 20 Auditorium exercises: 10, including remote classes: • Synchronous auditorium exercises: 10	3	Pass with grade	Mandatory group
The student chooses one subject from the Faculty's offer				
An open list of optional subjects	Lecture: 20, including remote classes: • Synchronous lecture: 20 Auditorium exercises: 10, including remote classes: • Synchronous auditorium exercises: 10	3	Pass with grade	Elective subjects
Sum	362	30		

Semester 4

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Economic Consulting and Innovation	Lecture: 30, including remote classes: • Synchronous lecture: 30	3	Pass with grade	Obligatory subjects
Knowledge Management	Lecture: 15 Auditorium exercises: 15	3	Pass with grade	Obligatory subjects
Econometrics	Lecture: 30 Laboratory exercises: 30	5	Exam	Obligatory subjects
Field Seminar	Field exercises: 15	2	Pass	Obligatory subjects

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Farm Economics and Organization	Lecture: 15 Laboratory exercises: 30	5	Exam	Obligatory subjects
Corporate Social Responsibility	Lecture: 30	3	Pass with grade	Obligatory subjects
Specialisation elective course	Lecture: 40, including remote classes: • Synchronous lecture: 40 Auditorium exercises: 20, including remote classes: • Synchronous auditorium exercises: 20	6	Pass with grade	Mandatory group
The student chooses two subjects from the Faculty's offer				
An open list of optional subjects	Lecture: 40, including remote classes: • Synchronous lecture: 40 Auditorium exercises: 20, including remote classes: • Synchronous auditorium exercises: 20	6	Pass with grade	Elective subjects
General elective courses	Lecture: 20, including remote classes: • Synchronous lecture: 20 Auditorium exercises: 10, including remote classes: • Synchronous auditorium exercises: 10	3	Pass with grade	Mandatory group
The student chooses one subject from the Faculty's offer				
An open list of optional subjects	Lecture: 20, including remote classes: • Synchronous lecture: 20 Auditorium exercises: 10, including remote classes: • Synchronous auditorium exercises: 10	3	Pass with grade	Elective subjects
Sum	300	30		

Semester 5

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Preliminary Seminar	Lecture: 15	1	Pass	Obligatory subjects
Production and Service Management	Lecture: 15 Auditorium exercises: 15	3	Pass with grade	Obligatory subjects
Marketing and Market Research	Lecture: 15 Laboratory exercises: 30	4	Exam	Obligatory subjects
Management of Enterprise Finance	Lecture: 15 Auditorium exercises: 15	4	Exam	Obligatory subjects
Agricultural Policy	Lecture: 15, including remote classes: • Synchronous lecture: 15 Auditorium exercises: 15	3	Pass with grade	Obligatory subjects
Diploma seminar	Auditorium exercises: 15	1	Pass with grade	Mandatory group
Diploma seminar	Auditorium exercises: 15	1	Pass with grade	Elective subjects
Practice	Apprenticeships: 180	6	Pass	Mandatory group
Practice	Apprenticeships: 180	6	Pass	Elective subjects
Specialisation elective course	Lecture: 40, including remote classes: • Synchronous lecture: 40 Auditorium exercises: 20, including remote classes: • Synchronous auditorium exercises: 20	6	Pass with grade	Mandatory group
The student chooses two subjects from the Faculty's offer				
An open list of optional subjects	Lecture: 40, including remote classes: • Synchronous lecture: 40 Auditorium exercises: 20, including remote classes: • Synchronous auditorium exercises: 20	6	Pass with grade	Elective subjects
Subject in the foreign language (elective)	Lecture: 15	2	Pass with grade	Mandatory group
The student chooses one subject from the Faculty's offer				
An open list of optional subjects	Lecture: 15	2	Pass with grade	Elective subjects
Sum	420	30		

Semester 6

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Marketing Management and Planning	Lecture: 15 Auditorium exercises: 15	3	Pass with grade	Obligatory subjects
Quality Management	Lecture: 30, including remote classes: • Synchronous lecture: 30 Auditorium exercises: 15	4	Exam	Obligatory subjects
Project Management	Lecture: 15 Laboratory exercises: 15	3	Pass with grade	Obligatory subjects
Diploma seminar	Auditorium exercises: 30	2	Pass with grade	Mandatory group
Diploma seminar	Auditorium exercises: 30	2	Pass with grade	Elective subjects
Specialisation elective course	Lecture: 40, including remote classes: • Synchronous lecture: 40 Auditorium exercises: 20, including remote classes: • Synchronous auditorium exercises: 20	6	Pass with grade	Mandatory group
The student chooses two subjects from the Faculty's offer				
An open list of optional subjects	Lecture: 40, including remote classes: • Synchronous lecture: 40 Auditorium exercises: 20, including remote classes: • Synchronous auditorium exercises: 20	6	Pass with grade	Elective subjects
Subject in the foreign language (elective)	Lecture: 15	2	Pass with grade	Mandatory group
The student chooses one subject from the Faculty's offer				
An open list of optional subjects	Lecture: 15	2	Pass with grade	Elective subjects
Bachelor thesis	Diploma thesis: 0	10	Exam	Mandatory group
The student chooses the topic of the diploma thesis				
Bachelor thesis	Diploma thesis: 0	10	Exam	Elective subjects
Sum	210	30		

**Description of the learning outcomes assigned to the subjects and
the curriculum content ensuring the achievement of these
outcomes**

Subject name:		Intellectual property protection	ECTS: 1
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	the essence of intellectual property protection, types of industrial property objects and the essence of copyright, as well as selected institutions and organizations in the field of intellectual property protection in Poland, the European Union and in the world	Zj_K1_W05
	U1	acquire and analyze data in the field of intellectual property protection	Zj_K1_U06
	K1	conscious use of intellectual property, taking into account social, ethical and professional responsibility for non-compliance with the law in the field of intellectual property protection	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:		The genesis of the development of intellectual property protection in the world and in Poland. Principles of the intellectual property protection system and its importance. International and EU organizations in the field of intellectual property protection. Competences and activities of the Patent Office of the Republic of Poland in the field of industrial property protection. Trade secret as the simplest form of intellectual property protection. Trademark - conditions for obtaining a protection right. Industrial design. Geographical indications. The essence of the invention. Patent granting rules. Types of patents. Utility model. Topographies of integrated circuits. Role of patent attorneys. Copyright protection in Poland. Protection of related rights in Poland. Image protection. Consequences of violating intellectual property rights	
Examination methods:		Test (written or computer based), Assignment	

Subject name:		Knowledge of Organizations	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	theoretical assumptions, models, and principles of functioning of various types of organizations	Zj_K1_W01
	W2	standards (organizational, legal, moral, and ethical) regulating the functioning of economic entities (enterprises, organizations)	Zj_K1_W04, Zj_K1_W06
	U1	identify types and models of organizations	Zj_K1_U05
	K1	cooperate in a group and act following the principles of corporate social responsibility	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:		Functioning of various types of organizations and their forms of property ownership; the essence of managing contemporary organizations; resources and forms of cooperation in a modern organization; determining in practice the effectiveness of the organization and its changes	
Examination methods:		Written exam, Written credit, Project	

Subject name:		Economic Geography	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	concepts in economic geography	Zj_K1_W01
	W2	key theoretical concepts and determines the factors of regional and local development	Zj_K1_W03
Skills: (In terms of skills, the graduate can)	U1	collect and analyse statistical data and use them in graphic and cartographic presentation	Zj_K1_U02
	U2	acquire and analyse qualitative data and use them in the implementation of individual and collective exercises during classes	Zj_K1_U02
Social competences: (Within the scope of competence, the graduate is ready to)	K1	organize knowledge in the field of a given problem	Zj_K1_K02
	K2	cooperation in a team	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		Spatial aspects of the functioning of the economy and society and the consequences of this differentiation; the role of components of the geographical environment in shaping the development of the world economy, especially in Poland; changes taking place in geographical space that shape contemporary social and economic development.	
Examination methods:		Test (written or computer based), Report	

Subject name:		Psychosocial Aspects of Work	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	concepts in the field of psychosocial aspects of work	Zj_K1_W01
	W2	key competences in the area of the labour market	Zj_K1_W02
Skills: (In terms of skills, the graduate can)	U1	analyse the characteristics, skills, and competences of a person in terms of their usefulness in professional work	Zj_K1_U01
	U2	assess the working environment from the psychological, physical, and social points of view and can plan further professional and social development	Zj_K1_U05
Social competences: (Within the scope of competence, the graduate is ready to)	K1	continuously improve social competences necessary in professional work	Zj_K1_K01
Course content ensuring the achievement of learning outcomes:		Theoretical and methodological foundations of psychosocial aspects of work in the context of managing a modern enterprise; criteria of division, conditions, and role of work in human life; key competences necessary in the process of human work in the psychological and social context; factors and criteria for developing human resources in psychological, physical and social terms.	
Examination methods:		Test (written or computer based)	

Subject name:		Microeconomics	ECTS: 5
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	theoretical issues of phenomena occurring in the economy	Zj_K1_W01
	W2	methods of obtaining and processing data appropriate for economics	Zj_K1_W03
Skills: (In terms of skills, the graduate can)	U1	analyse decisions of households and enterprises	Zj_K1_U01
	U2	choose data sources, analysis methods, and tools and make calculations in the field of economic phenomena	Zj_K1_U06
Social competences: (Within the scope of competence, the graduate is ready to)	K1	recognise the importance of knowledge in professional life and search for up-to-date knowledge	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		Assumptions regarding the knowledge of the laws and mechanisms governing economic processes and the entities actively participating in them; economic problems on a micro-scale (household, enterprise, markets of consumer goods and services, markets of production factors).	
Examination methods:		Test (written or computer based), Written exam, Assessment of activity during classes	

Subject name:		Mathematics for Economists	ECTS: 6
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	the concepts of mathematical analysis and probability theory	Zj_K1_W03, Zj_K1_W04
	U1	apply differential calculus to simple optimization problems and apply integral calculus to calculations	Zj_K1_U03
	K1	formulate problems in the language of mathematics and mathematical analysis	Zj_K1_K01
Course content ensuring the achievement of learning outcomes:		Basics of calculus, integral calculus; mathematical foundations for studying related subjects; practical skills in using the concepts and tools learned in the field of mathematics and mathematical analysis, as well as the calculus of probability.	
Examination methods:		Written exam, Written credit	

Subject name:		Introduction to Management	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	the role of management in the economy	Zj_K1_W04
	U1	use the main concepts of management along with the identification of problems in this area	Zj_K1_U03
	K1	recognize the importance of knowledge in professional life, and search for up-to-date knowledge	Zj_K1_K01
Course content ensuring the achievement of learning outcomes:		Fundamentals of knowledge in the field of management and quality sciences. Main issues of management. Objectives and functions of management and science of management and quality in practice. Introductory information about the elements of the business environment in the internal context. Issues related to the operation of entities in the field of effective human resource management.	
Examination methods:		Test (written or computer based)	

Subject name:		Law	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	the concept of the state and its aspects; concepts in the field of law and the legal system; civil rights and freedoms; basic elements of selected branches of law	Zj_K1_W04
Skills: (In terms of skills, the graduate can)	U1	find the necessary information in source legal and legal texts; interpret the basic provisions to derive a legal norm from them; assess the need to seek professional legal assistance in a given case; choose the right form of legal action	Zj_K1_U02
Social competences: (Within the scope of competence, the graduate is ready to)	K1	take up functions in the organization that require knowledge of basic legal regulations	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		Legal issues; theory of law (introduction to jurisprudence); systemic, substantive, and procedural regulations.	
Examination methods:		Test (written or computer based)	

Subject name:		Information Technology	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	methods and tools, including data acquisition techniques (Data Science), recommendations for the sector of economic sciences in management, they provide management mechanisms and processes for their delivery operation (Business Intelligence)	Zj_K1_W03
	W2	economic, financial, social, legal, ethical, ecological and other conditions for the use of information and communication technologies conducting business activity	Zj_K1_W05
Skills: (In terms of skills, the graduate can)	U1	use the acquired knowledge to solve dilemmas arising in the professional work of a manager with the use of information and communication technologies	Zj_K1_U02
	U2	analyse proposed solutions to specific problems in the field of management and propose appropriate solutions in this regard, also as part of teamwork, including interdisciplinary work using information and communication technologies	Zj_K1_U05
Social competences: (Within the scope of competence, the graduate is ready to)	K1	perform ethical and creative problem-solving in the field of management, considering the specificity of agribusiness with the use of information and communication technologies	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:		Fundamentals of information and communication technologies and the use of computer hardware and their methods used to support management; modern methods, techniques, and support systems management and decision-making processes; practical use of a text editor, spreadsheet, presentation program, and related tools under the Business Intelligence concept; using a spreadsheet and tools related to it for calculations, collection, processing and data analysis under the Data Science concept.	
Examination methods:		Assessment of speeches during classes, Test (written or computer based), Written credit, Assessment of activity during classes	

Subject name:		Social communication	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	principles of effective social communication from the perspective of human functioning in social structures	Zj_K1_W02
	W2	main conditions for the development of various forms of social activity	Zj_K1_W06
Skills: (In terms of skills, the graduate can)	U1	communicate effectively in a variety of communication situations	Zj_K1_U05
	U2	analyse and propose specific solutions also as part of interdisciplinary teamwork	Zj_K1_U03
Social competences: (Within the scope of competence, the graduate is ready to)	K1	perform group roles and managerial functions	Zj_K1_K03
	K2	define priorities and critically analyse possessed knowledge	Zj_K1_K01
Course content ensuring the achievement of learning outcomes:		Theories of interpersonal, group, and mass communication; the ability to transmit information, active listening; shaping the ability to communicate effectively in various social situations.	
Examination methods:		Test (written or computer based), Assessment of activity during classes	

Subject name:		Management	ECTS: 5
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	the essence of management functions and list key problem areas within them	Zj_K1_W03
	U1	make decisions in the area of business management using the payoff matrix/decision tree	Zj_K1_U02
	U2	analyse problems in the field of management, make their critical but also creative assessments, and formulate their solutions	Zj_K1_U05
	K1	cooperate with others, and demonstrate the ability to work creatively in a team	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		The role of the organization as an object of management and the essence of the manager's work; issues of decision-making and decision-making techniques; planning, organizing, managing people and controlling and improving in enterprises; various methods and concepts of managing organizations.	
Examination methods:		Oral exam, Written credit, Project, Assessment of activity during classes, Case study	

Subject name:		Macroeconomics	ECTS: 5
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	key macroeconomic problems	Zj_K1_W01
	W2	sources of economic development, its determinants and threats	Zj_K1_W02
Skills: (In terms of skills, the graduate can)	U1	assess economic policy	Zj_K1_U01
	U2	calculate the main macroeconomic categories	Zj_K1_U03
Social competences: (Within the scope of competence, the graduate is ready to)	K1	supplementing and improving the acquired knowledge in the field of the national economy and its external environment	Zj_K1_K04
	K2	understanding the dynamic nature of the economy	Zj_K1_K02
Course content ensuring the achievement of learning outcomes:		Macroeconomic categories and processes and their mutual relations; factors determining the level of economic growth and development; mechanisms of functioning of the national economy; the effects of state activity; ability to calculate and interpret macroeconomic categories.	
Examination methods:		Written exam, Written credit, Assessment of activity during classes	

Subject name:		Food Sector Economics	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	organization of production and marketing in the food economy	Zj_K1_W01
	W2	concepts and economic categories in the field of food economics	Zj_K1_W03
	U1	analyse and evaluate production and economic results and see the reasons for shaping their level in the food economy	Zj_K1_U01
	K1	collect and analyse data and information, as well as supplement the knowledge needed for the correct interpretation of phenomena occurring in the food economy	Zj_K1_K01
Course content ensuring the achievement of learning outcomes:		Issues of the evolution of the organizational form of food economy; basic concepts, specificity, and organization of production and marketing in the food economy; organizational links and economic dependencies within individual branches of the food economy.	
Examination methods:		Test (written or computer based), Assessment of speeches during classes, Assessment of activity during classes	

Subject name:		Accounting	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	sources of law related to the needs of various entities for financial information from accounting	Zj_K1_W03
	W2	methods of valuation of assets and liabilities of an economic entity	Zj_K1_W01
Skills: (In terms of skills, the graduate can)	U1	prepare a simplified balance sheet and profit and loss account	Zj_K1_U01
	U2	assess the usefulness of information determined in accounting for making specific groups of decisions in a given entity	Zj_K1_U06
Social competences: (Within the scope of competence, the graduate is ready to)	K1	act in an ethical, socially responsible, and public-interest manner	Zj_K1_K02
Course content ensuring the achievement of learning outcomes:		The essence, functions, principles, and system of collecting economic information in accounting; the process of obtaining, classifying, documenting, and presenting information in the entity's accounting system; the importance of accounting in the preparation of financial and production decisions of the entity's economic and organizational; basic characteristics and quality of information generated in the area of accounting.	
Examination methods:		Written exam, Written credit, Assessment of activity during classes	

Subject name:		Marketing	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	theoretical assumptions of the relationship between social structures and institutions, and in particular between enterprises, organizations, and households	Zj_K1_W01
	W2	methods and tools, including data acquisition techniques, appropriate for the fields of economic sciences, in particular management	Zj_K1_W03
	U1	analyse the proposed solutions to specific management problems and propose appropriate solutions in this regard	Zj_K1_U05
	K1	responsibly participate in the preparation of socio-economic projects, considering the interdisciplinarity of management and the public interest	Zj_K1_K02
Course content ensuring the achievement of learning outcomes:		The essence, genesis, and conditions for the development of marketing theory and practice; economic knowledge of markets, buyers' behaviour, innovative processes in the economy; instruments of marketing impact on the market; main research methods and techniques in marketing research.	
Examination methods:		In the first term a written exam, in the second term an oral exam is permitted., Written credit	

Subject name:		Introduction to Agriculture	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	knows and describes concepts and functions of agriculture and use of soil maps	Zj_K1_W04
	W2	distinguishes farming systems	Zj_K1_W06
Skills: (In terms of skills, the graduate can)	U1	can calculate comparative fiscal hectare, agricultural land structure, structure of sowing	Zj_K1_U03
	U2	describes branches and agricultural production activities	Zj_K1_U01, Zj_K1_U06
Social competences: (Within the scope of competence, the graduate is ready to)	K1	- knows how to management and critical analysis of possessed knowledge	Zj_K1_K01
Course content ensuring the achievement of learning outcomes:		Issues related to agricultural production; functions of agriculture and the specificity of agricultural production; basic concepts of plant and animal production; natural conditions for agricultural production.	
Examination methods:		Written credit	

Subject name:		English language	ECTS: 6
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	vocabulary connected with education, work, science, health, culture and entertainment, sport, technology, information exchange and environment.	Zj_K1_W01
	U1	describe phenomena, processes, procedures.	Zj_K1_U01
	U2	conduct correspondence and take notes.	Zj_K1_U03
	U3	give explanations, give reasons, express opinions or make plans.	Zj_K1_U04
	K1	prepare and deliver presentations.	Zj_K1_K02
	K2	work in a team and conduct a discussion.	Zj_K1_K03
	K3	communicate correctly in most situations of everyday life and professional life without preparation.	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:		<p>Vocabulary connected with education, work, science, health, culture and entertainment, sport, technology, information exchange and environment.</p> <p>Grammar structures: correct use of word forms and sentence structures, word formation.</p> <p>Language functions: practising communication, pronunciation and spelling.</p>	
Examination methods:		Written credit, Essay, Assessment of activity during classes	

Subject name:		German language	ECTS: 6
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	vocabulary connected with education, work, science, health, culture and entertainment, sport, technology, information exchange and environment.	Zj_K1_W01
	U1	describe phenomena, processes, procedures.	Zj_K1_U01
	U2	conduct correspondence and take notes.	Zj_K1_U03
	U3	give explanations, give reasons, express opinions or make plans.	Zj_K1_U04
	K1	prepare and deliver presentations.	Zj_K1_K02
	K2	work in a team and conduct a discussion.	Zj_K1_K03
	K3	communicate correctly in most situations of everyday life and professional life without preparation.	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:		<p>Vocabulary connected with education, work, science, health, culture and entertainment, sport, technology, information exchange and environment.</p> <p>Grammar structures: correct use of word forms and sentence structures, word formation.</p> <p>Language functions: practising communication, pronunciation and spelling.</p>	
Examination methods:		Written credit, Essay, Assessment of activity during classes	

Subject name:		Russian language	ECTS: 6
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	vocabulary connected with education, work, science, health, culture and entertainment, sport, technology, information exchange and environment.	Zj_K1_W01
	U1	describe phenomena, processes, procedures.	Zj_K1_U01
	U2	conduct correspondence and take notes.	Zj_K1_U03
	U3	give explanations, give reasons, express opinions or make plans.	Zj_K1_U04
	K1	prepare and deliver presentations.	Zj_K1_K02
	K2	work in a team and conduct a discussion.	Zj_K1_K03
	K3	communicate correctly in most situations of everyday life and professional life without preparation.	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:		<p>Vocabulary connected with education, work, science, health, culture and entertainment, sport, technology, information exchange and environment.</p> <p>Grammar structures: correct use of word forms and sentence structures, word formation.</p> <p>Language functions: practising communication, pronunciation and spelling.</p>	
Examination methods:		Written credit, Essay, Assessment of activity during classes	

Subject name:		Spanish language	ECTS: 6
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	vocabulary connected with education, work, science, health, culture and entertainment, sport, technology, information exchange and environment.	Zj_K1_W01
	U1	describe phenomena, processes, procedures.	Zj_K1_U01
	U2	conduct correspondence and take notes.	Zj_K1_U03
	U3	give explanations, give reasons, express opinions or make plans.	Zj_K1_U04
	K1	prepare and deliver presentations.	Zj_K1_K02
	K2	work in a team and conduct a discussion.	Zj_K1_K03
	K3	communicate correctly in most situations of everyday life and professional life without preparation.	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:		<p>Vocabulary connected with education, work, science, health, culture and entertainment, sport, technology, information exchange and environment.</p> <p>Grammar structures: correct use of word forms and sentence structures, word formation.</p> <p>Language functions: practising communication, pronunciation and spelling.</p>	
Examination methods:		Written credit, Essay, Assessment of activity during classes	

Subject name:		Physical education	ECTS: 0
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	how physical exercise affects the development and functioning of the body.	
	W2	the aspects of morphological, anatomical and physiological foundations of the functioning of the human body and the consequences and risks associated with lack of physical activity.	
	W3	how physical activity affects health at every stage of life.	
	W4	the relationship between effort and systematic work and the effect obtained.	
Skills: (In terms of skills, the graduate can)	U1	analyze the level of own physical fitness, correctly interpret and identify problems occurring during the performance of tasks and make the right decisions to solve them.	
	U2	prepare the body for the effort, control and assess the state of the body's efficiency, use the acquired movement habits in the correct performance of everyday motor activities.	
	U3	use various forms of physical activity taking into account the current state of health, physical capabilities and age.	
	U4	cooperate in a team with commitment and full responsibility in order to achieve a specific result.	
	U5	undertake tasks adequate to their own talents and abilities.	
Social competences: (Within the scope of competence, the graduate is ready to)	K1	control their own physical development at every stage, taking care of the body in health and illness.	
	K2	build social relationships and knows how to use it to achieve individual and team goals.	
	K3	take responsibility for the state of their own health and that of others, including their own family in the future.	
Course content ensuring the achievement of learning outcomes:		Familiarizing the student with safety rules in physical education classes. Provide the student with basic movements, movement and body function during the selected motor activity. Familiarizing the student with the rules and regulations in the selected sport discipline. Familiarizing the student with the organization and conduct of competitions as part of the selected physical activity.	
Examination methods:		Assessment of activity during classes	

Subject name:		Human Resources Management	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	human resource management process in enterprises	Zj_K1_W02
	W2	rules for calculating economic measures of the HR function	Zj_K1_W03
Skills: (In terms of skills, the graduate can)	U1	determine the correctness of the applied personnel policy	Zj_K1_U01
	U2	assess the correctness of decisions on hiring and dismissing employees	Zj_K1_U03
Social competences: (Within the scope of competence, the graduate is ready to)	K1	perform effective teamwork and make key decisions	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:		Assumptions, goals, and principles of human resources management. The HRM process and the most commonly used techniques in this field. Selected legal conditions in the field of labour law and the rights and obligations of the employee and the employer.	
Examination methods:		Written credit	

Subject name:		Basics of Finance	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	key cash flows	Zj_K1_W01
	W2	cash flows specific to the public and private sectors	Zj_K1_W04
Skills: (In terms of skills, the graduate can)	U1	analyse the financial situation of entities	Zj_K1_U01
	U2	assess the impact of financial instruments on the national economy and individual entities	Zj_K1_U03
Social competences: (Within the scope of competence, the graduate is ready to)	K1	think in an entrepreneurial way	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:		Basic phenomena and financial categories. The specificity of financial phenomena occurring in individual sectors of the economy.	
Examination methods:		Written credit, Assessment of activity during classes	

Subject name:		International Economic Relations	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	the essence of international economic relations, can explain the theories of benefits from international trade and flows of services and factors of production on an international scale	Zj_K1_W01
	W2	the essence of foreign and international economic policy and understanding the principles of functioning of economies in the modern world	Zj_K1_W03
Skills: (In terms of skills, the graduate can)	U1	interpret and explain economic phenomena and processes taking place within groups of countries, regions, and integration groups as well as in the entire global economy	Zj_K1_U01
	U2	is able to analyse the impact of changes in the functioning of the world economy on the economies of countries and regions	Zj_K1_U01
Social competences: (Within the scope of competence, the graduate is ready to)	K1	understand changes taking place in the economies of individual regions and in the global economy	Zj_K1_K01
Course content ensuring the achievement of learning outcomes:		Theoretical concepts to understand the functioning of the market, types and importance of international transactions in goods and services, benefits and threats resulting from globalization processes taking place in the world, goals, means, and tools of foreign and international policy.	
Examination methods:		Written credit, Report, Presentation	

Subject name:		Statistics	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	understands the meaning of the basic concepts of descriptive and mathematical statistics	Zj_K1_W03
	W2	selected methods of statistical description and inference	Zj_K1_W03
Skills: (In terms of skills, the graduate can)	U1	is able to choose statistical methods appropriate to the specificity of the problem under study	Zj_K1_U01
	U2	is able to independently conduct an analysis of empirical data and interpret the results of statistical research	Zj_K1_U01
Social competences: (Within the scope of competence, the graduate is ready to)	K1	solve complex problems requiring the use of statistical analysis	Zj_K1_K02
Course content ensuring the achievement of learning outcomes:		The importance of statistical analysis; methods of statistical description and statistical inference and the correct application of these methods; proper analysis and interpretation of statistical research results.	
Examination methods:		Written exam, Written credit	

Subject name:		Organisational Behaviour	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	the essence of social processes occurring in the process of work	Zj_K1_W02, Zj_K1_W06
	W2	differences in individual and group behaviour in organizations and take advantage of it	Zj_K1_W02
Skills: (In terms of skills, the graduate can)	U1	analyse problems and propose adequate solutions	Zj_K1_U02
	U2	apply the acquired knowledge to solve dilemmas occurring in organizations	Zj_K1_U03
Social competences: (Within the scope of competence, the graduate is ready to)	K1	act creatively and sensitively with regard to social problems occurring in contemporary organizations	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:	Selected aspects of organizational behaviour theory; explaining, predicting, and controlling human behaviour and developing people skills; more important conditions affecting the effectiveness of planning and decision-making in organizations, leadership.		
Examination methods:	Written exam, Assessment of speeches during classes, Test (written or computer based), Assessment of activity during classes		

Subject name:		Confirmation B2 foreign language	ECTS: 1
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Skills: (In terms of skills, the graduate can)	U1	Use a foreign language at the B2 level.	Zj_K1_U04
Course content ensuring the achievement of learning outcomes:		Self-preparation for the foreign language at B2 level exam.	
Examination methods:		Written exam	

Subject name:		Economic Consulting and Innovation	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	the essence of human personality as a subject constituting an enterprise and organization, as well as the principles of human functioning in processes occurring in social structures, mainly in economic consulting	Zj_K1_W02
	U1	formulate and analyse management consulting problems and propose their appropriate resolution	Zj_K1_U05
	U2	integrate the acquired knowledge from various areas related to economic consulting and innovation and formulate conclusions	Zj_K1_U02
	K1	perform critical analysis of knowledge resources in professional life and search for knowledge among experts	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:		The importance of consulting and innovation in organizations; preparation to act as an advisor; techniques of consulting work in the field of management; creating innovations.	
Examination methods:		Written credit, Assessment of activity during classes	

Subject name:		Knowledge Management	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	the essence of human personality as a subject constituting an enterprise and organization and functioning in them, as well as the principles of human functioning in processes occurring in social structures	Zj_K1_W02
Skills: (In terms of skills, the graduate can)	U1	analyse the proposed solutions to specific problems in the field of management and propose appropriate solutions in this regard, also as part of teamwork, including interdisciplinary	Zj_K1_U05
Social competences: (Within the scope of competence, the graduate is ready to)	K1	collaborate and cooperate in the team, assuming various roles in it, including managerial functions	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		Up-to-date knowledge of knowledge management (tools, goals, and principles); the most effective, proven methods of knowledge management; effective knowledge management.	
Examination methods:		Written credit, Assessment of activity during classes	

Subject name:		Econometrics	ECTS: 5
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	the meaning of terms from econometrics	Zj_K1_W03
	U1	independently and freely use the selected statistical package	Zj_K1_U02
	U2	interpret and select appropriate econometric methods to solve economic problems	Zj_K1_U05
	K1	search for solutions to practical management problems	Zj_K1_K04
Course content ensuring the achievement of learning outcomes:		Possibilities related to the use of econometric models; the use of econometrics in management; the use of a statistical package used in economic research.	
Examination methods:		Test (written or computer based), Written credit	

Subject name:		Field Seminar	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	the specificity of farms and methods of describing their economic and production potential.	Zj_K1_W03
	U1	collect economic data from farms.	Zj_K1_U03
	U2	prepare a production and financial plan for farms.	Zj_K1_U05
	K1	work in a team in the assessment of the economic and production potential of farms.	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		Identification of the production, organizational and economic specificity of a farm; collecting data and preparing a production and financial plan for a specific farm.	
Examination methods:		Project, Assessment of activity during classes	

Subject name:		Farm Economics and Organization	ECTS: 5
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	concepts in the field of economics and organization of agricultural enterprises	Zj_K1_W01
	U1	analyse and evaluate the production activity of an agricultural enterprise, production and economic results of enterprises as well as the efficiency and effectiveness of farming	Zj_K1_U01
	U2	solve decision-making problems in the field of current business activity (economic and financial)	Zj_K1_U02
	K1	feel conscious need to collect and use knowledge in the field of business economics	Zj_K1_K02, Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		Functioning of farms and agricultural enterprises and their relations with the environment; evolution of socio-organizational and legal forms of farms and agricultural enterprises; the role of production factors, the basis for measuring production and economic effects, economic calculation - useful in making decisions regarding the selection of production activities, selection of technology and the level of production intensity; planning system in agricultural enterprises.	
Examination methods:		Written exam, Oral exam, Written credit, Project	

Subject name:		Corporate Social Responsibility	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	concepts in the field of corporate social responsibility and the principles of creating and developing entrepreneurship, considering the principles of ethics	Zj_K1_W01
	W2	key areas of the concept of social responsibility (economic, financial, social, legal, ethical, ecological)	Zj_K1_W05
Skills: (In terms of skills, the graduate can)	U1	analyse and evaluate responsibility in selected aspects of the business activity of enterprises	Zj_K1_U02
	U2	independently supplement and improve skills in the field of ethics and responsible business; understands the concept of ethical dilemmas in the context of professional and social development	Zj_K1_U06
Social competences: (Within the scope of competence, the graduate is ready to)	K1	conduct business in an ethical, socially responsible manner, and ensure respect for the achievements and traditions of the profession	Zj_K1_K02
Course content ensuring the achievement of learning outcomes:		Familiarizing students with the principles of responsibility in the enterprise; shaping entrepreneurial attitudes focused on the following aspects: economic, social, and environmental; key skills of independent decision-making/problem-solving based on the principles of ethics and responsibility in life and economic activities.	
Examination methods:		Test (written or computer based)	

Subject name:		Preliminary Seminar	ECTS: 1
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	the specificity of research in management	Zj_K1_W03
	W2	norms and styles of bibliographic descriptions in diploma theses	Zj_K1_W04
Skills: (In terms of skills, the graduate can)	U1	analyse the causes and effects of phenomena occurring in the economy in terms of management	Zj_K1_U01
Social competences: (Within the scope of competence, the graduate is ready to)	K1	update knowledge with the most important research issues	Zj_K1_K02
Course content ensuring the achievement of learning outcomes:		Fundamentals of research methodology in management. Mastering the formal requirements necessary to prepare a diploma thesis, understanding good practices in the preparation of a diploma thesis - the way of preparing footnotes, referring to sources. Ability to analyse a scientific text. Overview of APA bibliographic description style.	
Examination methods:		Written or computer based test	

Subject name:		Production and Service Management	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	the importance of production in the economy	Zj_K1_W01
	W2	socio-economic and environmental conditions of the manufacturing process	Zj_K1_W04, Zj_K1_W05
Skills: (In terms of skills, the graduate can)	U1	plan a change to improve the health of your manufacturing or service business	Zj_K1_U02
	U2	critically assess the chances of carrying out the planned undertaking	Zj_K1_U01, Zj_K1_U02
Social competences: (Within the scope of competence, the graduate is ready to)	K1	propose own implementation project (for self-fulfilment, development of own business, or development of the employer's organization)	Zj_K1_K02
	K2	perform teamwork	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		Management of production processes, the importance of production resources, quality, ergonomics, and occupational health and safety. The essence of production and service management. The process of preparing production from market recognition to delivery of production.	
Examination methods:		Project, Assessment of speeches during classes	

Subject name:		Marketing and Market Research	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	market and marketing elements	Zj_K1_W01
	W2	methods of collecting and analysing market and marketing data	Zj_K1_W03
Skills: (In terms of skills, the graduate can)	U1	design, organize and coordinate research into various market phenomena and processes	Zj_K1_U01
	U2	interpret, critically evaluate and present the results of marketing research	Zj_K1_U05
Social competences: (Within the scope of competence, the graduate is ready to)	K1	collaborate and perform teamwork	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		Elements of the theory and practice of marketing research; obtaining information from primary and secondary sources; analysis of market phenomena and marketing activities of enterprises; presentation of the results of marketing research.	
Examination methods:		Written exam, Project, Assessment of speeches during classes	

Subject name:		Management of Enterprise Finance	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	corporate finance principles	Zj_K1_W01
	W2	methods and tools used in solving problems in the field of corporate finance	Zj_K1_W03
Skills: (In terms of skills, the graduate can)	U1	use theoretical knowledge to make rational investment and financing decisions	Zj_K1_U01
Social competences: (Within the scope of competence, the graduate is ready to)	K1	properly conduct the financial analysis and interpretation of its results	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		Issues of corporate finance management; principles of raising capital and assessing the effectiveness of its use; tools for making investment decisions in the enterprise; analysis of the company's financial condition.	
Examination methods:		Written exam, Written credit, Project	

Subject name:		Agricultural Policy	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	mechanisms and Instruments of interventionism in agriculture	Zj_K1_W01
	W2	functioning of government agencies in the field of the food economy	Zj_K1_W04
	U1	analyse the causes of interventions and make decisions in this regard	Zj_K1_U01
	K1	collaborate and perform teamwork	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		Agricultural policy options; the functioning of government agencies in the field of food economy; mechanisms of political decision-making in the EU regarding the food economy.	
Examination methods:		Written credit, Presentation	

Subject name:		Diploma seminar	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	issues of compliance with the rules of copyright in using the works of others	Zj_K1_W03
	W2	research methods and techniques in the area of management	Zj_K1_W05
Skills: (In terms of skills, the graduate can)	U1	formulate their own conclusions based on the presented results of research in the area of management	Zj_K1_U01
	U2	plan and organize individual work	Zj_K1_U05
Social competences: (Within the scope of competence, the graduate is ready to)	K1	recognize the importance of knowledge in professional life, perform critical analysis of its resources, and search for its sources among experts	Zj_K1_K01
Course content ensuring the achievement of learning outcomes:		Compliance with copyright rules; the ability to practically apply the requirements for the diploma thesis while writing it; the ability to use scientific terminology consistent with the undertaken research problem; presenting the topics and scopes of diploma theses, presenting the concept (theoretical and empirical) of the bachelor thesis (presentation, discussion), presenting research results, and preparing a presentation to defend the thesis at the diploma exam.	
Examination methods:		Assessment of speeches during classes	

Subject name:		Practice	ECTS: 6
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	the importance of practical experience in functioning in the labour market	Zj_K1_W01
	U1	use the knowledge acquired during the classes for practical activities in the enterprise, with a focus on management issues	Zj_K1_U05
	K1	cooperate in a group and take up challenges related to professional work	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		Enabling the student to verify the knowledge he acquired during classes; obtaining economic, production, and management information from economic units in order to analyse them during classes (after practice); acquiring the necessary (on the labour market) practical experience.	
Examination methods:		Report, Presentation	

Subject name:		Marketing Management and Planning	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	issues in the field of management and marketing planning	Zj_K1_W03
	U1	characterize functional marketing strategies	Zj_K1_U02
	U2	formulate a marketing plan	Zj_K1_U05
	K1	collaborate and perform teamwork	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		The essence and basic concepts of management and planning. Solutions, tools, and methods in marketing planning and management. Marketing instruments and tools. Marketing planning, strategies, and marketing instruments.	
Examination methods:		Written credit, Project, Assessment of activity during classes	

Subject name:		Quality Management	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	quality management issues	Zj_K1_W03
	W2	various quality assurance systems	Zj_K1_W04
Skills: (In terms of skills, the graduate can)	U1	use selected methods and tools for quality improvement	Zj_K1_U05
Social competences: (Within the scope of competence, the graduate is ready to)	K1	work in a team and take on various challenges	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:	Concepts in the field of standardization, certification, and integration of quality management systems. The concept of TQM includes the basic methods and tools for improving quality. ISO standards and selected industry quality management standards.		
Examination methods:	Written exam, Written credit, Project, Assessment of activity during classes		

Subject name:		Project Management	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	theoretical assumptions in the field of project management	Zj_K1_W01
	W2	links between individual stages of the project life cycle	Zj_K1_W04
	U1	correctly plan the project with the use of appropriate tools	Zj_K1_U05
	K1	cooperate in a group and perform teamwork, assuming both executive and initiating roles	Zj_K1_K03
Course content ensuring the achievement of learning outcomes:		The essence and specificity of the project. Project management. Stages of creating a project. Tools used in the project management process.	
Examination methods:		Written credit, Project	

Programme indicators

Name	Value
Potwierdzenie - na podstawie planu studiów, że student ma możliwość wyboru zajęć, którym łącznie przypisano liczbę punktów ECTS nie niższą niż 30% ECTS określonych dla programu tych studiów	59/180 (32.78%)
Potwierdzenie, że liczba punktów ECTS uzyskanych w programie studiów poprzez realizację zajęć z wykorzystaniem metod i technik kształcenia na odległość jest nie wyższa niż 75% ogólnej liczby punktów ECTS w programie studiów o profilu ogólnoakademickim	21/180 (11.67%)
Liczba godzin w programie	2001