



COURSE SPECIFICATION

Course code	full-time studies	Z-ZB-E-106
	part-time studies	-
Course title in English	Fundamentals of Finance	
Course title in Polish	Podstawy finansów	
Valid from academic year	2025/2026	

PLACEMENT IN THE TEACHING PROGRAM

Programme of study	BUSINESS MANAGMENT
Level of education	1st degree
Studies profile	academic
Form and mode of study	full-time programme
Scope	all
Academic unit responsible for the course	Department of Economics and Finance
Course coordinator	dr hab. Jan L. Bednarczyk, prof. uczelni
Approved by	dr hab. inż. Dariusz Bojczuk, prof. uczelni

GENERAL CHARACTERISTIC OF THE COURSE

Teaching block		Directional subject
Course status		Obligatory
Language of instruction		English
Semester of delivery	full-time studies	Semester I
	part-time-studies	-
Prerequisites		No
Exam (YES/NO)		YES
ECTS		5

Method of conducting classes		lecture	classes	laboratory	project	other
Number of hours per semester	full-time	30	30			
	part-time					



LEARNING OUTCOMES

Category	Outcome code	Course learning outcomes	Reference to the directional learning effect
Knowledge	W01	Has knowledge of the market and public financial system. Knows the structure of the financial system, its functions and importance for the economy.	ZB1_W02
	W02	Understands the essence of money and interest and knows the goals, strategies and instruments of the central bank's monetary policy. Understands the essence of monetary policy and its impact on real economy.	ZB1_W04
	W03	Has knowledge of corporate finances, public finances, household finances, banks and insurance companies.	ZB1_W04
Skills	U01	Is able to use theoretical knowledge in the field of finance to analyze ongoing processes and phenomena in the economy.	ZB1_U01
	U02	Uses the acquired knowledge to solve dilemmas arising in the financial system and the activities of financial institutions. Knows the entities operating in the financial system and the relationships between them. Analyzes economic problems and proposes appropriate solutions in this regard. He can take part in a debate on the functioning of the financial system and economic processes, evaluate different opinions and positions.	ZB1_U02 ZB1_U04
	U03	Is able to analyze and forecast processes and phenomena occurring in the financial system using quantitative methods typical of economics.	ZB1_U01 ZB1_U02
Social competences	K01	Critically evaluates the knowledge and content received. Understands the need for lifelong learning in order to improve professional qualifications in the field of finance in connection with changing market conditions on a national and international scale.	ZB1_K02
	K02	Able to cooperate and work in a group and communicate effectively and act ethically within designated organizational and social roles. Recognizes the need to seek expert advice in the event of difficulties in solving a problem independently.	ZB1_K03
	K03	Is prepared to adhere to the principles of professional ethics, promote and defend his/her own views with respect for different positions and cultures, and requires the same from others.	ZB1_K07

COURSE CONTENT

Method of conducting classes	Course content
lecture	The financial system in a modern market economy. Market financial system. Public financial system. Banking system in a market economy. Central bank and monetary policy. Operations of commercial banks. Public finances. State budget. Tax system. Corporate finances. Household finances. Finances of banks and insurance companies. Elements of profitability analysis of financial products for enterprises and households.



classes	<p>Financial system and economic system and social system. Functions of the financial system. Financial system as an environment for the functioning of entities of the real sphere. Essence of the market financial system. Structure of the market financial system. Participants of the market financial system. Public tasks and means of their implementation. Specificity of the public financial system. Public finance sector. Income and expenditure of the public finance sector. Banking system and its functions. Structure of the banking system. Banking supervision. Banking system in Poland. Specificity of the central bank. Objectives and strategies of the monetary policy of the central bank. Monetary policy instruments. Mechanisms of transmission of monetary impulses. Monetary policy in Poland. Active operations of banks. Passive operations of banks. Intermediary operations of banks. Payment system: ELIXIR, TARGET2, SEPA. Settlements in euro and their evolution. Specificity of public finances. State budget. Budget deficit and surplus. Public debt. Tax system in Poland. The most important types of taxes. Sources of financing of enterprise activity. Elements of financial management of enterprises. Relationships between enterprise finances and other elements of the financial system. Sources of financing of household consumption. Management of household assets. Directions of changes in the links between households and the financial system. Structure of the financial statements of banks and insurance companies. Strategies for managing assets and liabilities of banks and insurance companies. Analysis of the balance sheet of banks and insurance companies and assessment of management results. Sources and types of investment risk. Components of the rate of return on securities. Principles of selecting securities by investors. Correlation of securities prices, beta coefficient.</p>
----------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

METHODS FOR VERIFYING LEARNING OUTCOMES

Outcome code	Learning outcomes verification methods					
	Oral examination	Written examination	Test	Project	Report	Other
W01		X				
W02		X				
W03		X				
U01			X			X
U02			X			X
U03			X			X
K01			X			X
K02						X
K03						X

FORM AND CONDITIONS OF ASSESSMENT

Form of classes	Assessment type	Assessment Criteria
lecture	Examination	Written exam. Theoretical questions and numerical examples. At least 50% of points required to pass.
classes	Credit with grade	Written colloquium. Obtaining at least 50% of points from colloquia during classes.



STUDENT WORKLOAD

ECTS Balance							
No.	Activity type	Student workload					Unit
		full-time					
1.	Scheduled contact hours	W	C	L	P	S	h
		30	30				
2.	Other (consultations, exams)	4	2				h
3.	Total number of contact hours	66					h
4.	Number of ECTS credits for contact hours	2,6					ECTS
5.	Number of hours of independent student work	59					h
6.	Number of ECTS points that a student obtains through independent work	2,4					ECTS
7.	Workload related to practical classes	63					h
8.	Number of ECTS credit points which a student receives for practical classes	2,5					ECTS
9.	Total number of hours of a student's work	125					
10.	ECTS credits for the course <i>1 1 ECTS credit =25 student learning hours</i>	5					ECTS

W - LECTURE C - CLASSES L - LABORATORY P - PROJECT S - SEMINAR

READING LIST

1. Dahlquist J.; R. Knight. Principles of Finance.openstax.2022 Rice University.openstax.org/details/books/principles-finance
2. Szulczyk K.R. Money, Banking, and International Finance. Edition 2, February 2014.
<https://www.scribd.com/doc/69328570/Money-Banking-and-International-Finance>
3. Bednarczyk J.L. Price Stability and Economic Growth. Instytut Naukowo-Wydawniczy SPATIUM, Radom 2022.