

Subject card

Subject name and code	Macroeconomics, PG_00178045						
Field of study	Finance and Accounting, Informatics and Econometrics, Management						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2026/2027	
Education level	Bachelor's studies	Subject group				Obligatory subject group in the field of study Subject group related to scientific research in the field of study	
Mode of study	full-time studies	Mode of delivery				at the university	
Year of study	1	Language of instruction				Polish	
Semester of study	1	ECTS credits				5.0	
Learning profile	academic	Assessment form				exam	
Conducting unit	Department of Banking and Finance -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Paweł Galiński				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	15.0	0.0	0.0	0.0	45
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	45		3.0		77.0	125
Subject objectives	<p>The aim of the course is to equip the student with knowledge, skills and competences in the field of macroeconomics on the mechanisms of market functioning, investment, consumption, national income calculation and creation of economic growth in the conditions of the economic cycle and the ongoing processes of international exchange and globalization. The aim is also to learn the essence, principles and conditions of fiscal and monetary policy in the context of increasing employment, counteracting unemployment, inflation, supporting employment, economic growth and creating prosperity from the perspective of public authorities, economic entities and households.</p> <p>The learning objectives include the following "expected learning outcomes" required by PIBR in the qualification procedure for a certified auditor on the "Economics and Internal Control" exam:</p> <p>A. Understanding basic economic concepts and categories. B. Understanding the fundamental principles of macroeconomics. C. Describing the impact of changes in macroeconomic indicators on economic activity. D. Understanding and using economic analysis tools. E. Understanding the mechanisms of market functioning, its determinants and structure, as well as assessing market efficiency. F. Indicating the characteristic features of globalization, including the role of international companies, online sales and emerging markets. G. Analyzing aspects of the global environment that affect international trade and finance. H. Practical application of basic economic laws, including understanding the role, instruments and importance of monetary and budgetary policy. I. Practical use of other economic categories (e.g. investments, pricing policy, etc.).</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[ZARZL3_U06] The student can use and integrate knowledge of management and quality sciences, economics, and finance to resolve dilemmas and complex management problems that arise in professional work.	The student verifies knowledge of economics and finance for the purpose of solving complex problems in the process of conducting socio-economic policy aimed at economic growth, price stability and full use of production factors	[SU4] test/exam - oral or written
	[IiEL3_U01] The student can analyze and interpret social and economic processes and phenomena using knowledge and econometrics, informatics or statistics tools from management and quality sciences, economics and finance.	The student is able to recognize the essence, scope and impact of socio-economic processes on macroeconomic conditions in the country and around the world and implement activities that contribute to achieving socio-economic goals	[SU4] test/exam - oral or written
	[IiEL3_U06] The student can use and integrate knowledge of management and quality sciences, economics, and finance to resolve dilemmas and complex problems that arise in professional work.	The student is able to verify knowledge of economics and finance for the purpose of solving complex problems in the process of conducting socio-economic policy aimed at economic growth, price stability and full use of production factors	[SU4] test/exam - oral or written
	[FiRL3_U06] The student can use and integrate knowledge from management and quality sciences, as well as economics and finance, to resolve dilemmas and solve complex problems that arise in professional work in finance and accounting.	The student is able to verify knowledge of economics and finance for the purpose of solving complex problems in the process of conducting socio-economic policy aimed at economic growth, price stability and full use of production factors	[SU4] test/exam - oral or written
	[FiRL3_W01] The student has advanced knowledge and understanding of the nature and evolution of management, quality, economics, and finance theories and their place in the social sciences system, particularly from the perspectives of finance and accounting.	The student explains the nature and evolution of theories in economics and finance and identifies their place and importance in the system of social sciences	[SW4] test/exam - oral or written
	[IiEL3_W01] The student knows and understands to an advanced degree the nature and evolution of theories in management, quality sciences, economics, and finance, along with their place in the social sciences system —especially in applying informatics or statistics tools.	The student explains the nature and evolution of theories in economics and finance and identifies their place and importance in the system of social sciences.	[SW4] test/exam - oral or written
	[FiRL3_U01] The student can analyze and interpret socio-economic processes and phenomena—from the finance and accounting perspective—using knowledge and tools from management, quality sciences, economics, and finance.	The student is able to recognize the essence, scope and impact of socio-economic processes on macroeconomic conditions in the country and around the world and implement activities that contribute to achieving socio-economic goals	[SU4] test/exam - oral or written
	[ZARZL3_U01] The student can analyze and interpret social and economic processes and phenomena in the context of business decision-making, using knowledge and tools from management and quality sciences, economics and finance.	The student recognizes the essence, scope and impact of socio-economic processes on macroeconomic conditions in the country and around the world and implements activities that contribute to achieving socio-economic goals	[SU4] test/exam - oral or written
	[ZARZL3_W01] The student has advanced knowledge and understanding of the nature and evolution of management, quality sciences, economics, and finance theories, along with their place in the social sciences system — particularly their relevance to business decision-making.	The student explains the nature and evolution of theories in economics and finance and identifies their place and importance in the system of social sciences	[SW4] test/exam - oral or written

Subject contents	<p>1. Introduction to economics. Needs. Goods. Factors of production. Normative and positive approach in economics. Rational management. Production possibilities curve. Opportunity cost.</p> <p>2. Micro- and macroeconomic foundations of management. Market mechanism. Price system. Demand and supply. Elasticity. Objectives and tools of macroeconomics. Private and public sector, consumption and investment. The role of public authorities in the economy.</p> <p>3. National income calculation. The process of creating added value and final production. GDP, GNP, PNN, DN. Nominal and real values, GDP deflator.</p> <p>4. The business cycle, its essence, types and phases. Economic growth and economic development. Assessment of economic conditions and their forecasts.</p> <p>5. Consumption and investment. Keynesian equilibrium model. Assumptions of the multiplier model. Average and marginal propensity to save and consume. Global demand and actual production.</p> <p>6. State budget - public revenues and expenditures. Budget balance. Public debt.</p> <p>7. Budget (fiscal) policy - tools, objectives and effects. Laffer curve. Expansionary and restrictive budget policy. The impact of fiscal policy on GDP and sustainable development.</p> <p>8. Money and the money market. The origin of money, its forms and functions. Money creation. Demand for money. Equilibrium on the money market.</p> <p>9. Central bank and monetary policy. Measures of money. Monetary policy - tools, objectives, types and results. Monetary neutrality. Common money.</p> <p>10. Economic and financial crises - types, connections and impact on the economy.</p> <p>11. Employment. Unemployment - types, causes, effects, methods of combating it. Labor market theory.</p> <p>12. Inflation - concept, essence, measures, causes, effects, theories and connections. Anti-inflation policy.</p> <p>13. The invisible hand of the market - the classic model of the functioning of the economy. Conditions of the classical model. The Phillips curve.</p> <p>14. Open economy and globalization. Currency market, foreign trade, balance of payments.</p> <p>The program content of the subject includes the following "scope of required knowledge" defined by PIBR in the qualification procedure for a certified auditor on the "Economics and internal control" exam:</p> <p>1.1. Market efficiency and inefficiency</p> <p>a) Efficient allocation of resources</p> <p>b) Efficiency of a perfectly competitive market</p> <p>c) Market failure and market mechanism</p> <p>d) External effects</p> <p>e) Public goods</p> <p>f) Information asymmetry</p> <p>1.2. National income account and determinants of national income</p> <p>a) Measures of production level and national income - GDP and GNP</p> <p>b) Economic growth</p> <p>c) Nominal and real GDP/GNP</p> <p>d) Methods of calculating national income - from the perspective of expenditure, income and value added</p> <p>e) Supply determinants of national income</p> <p>f) Demand determinants of national income - global demand, features and components (consumption and disposable income, savings, investments, government expenditure, net taxes, exports, imports)</p> <p>g) Macroeconomic equilibrium and multiplier effects</p> <p>1.3. Monetary policy</p> <p>a) Money - concept, features and functions</p> <p>b) Measures of the amount of money in the economy</p> <p>c) Central bank in the banking system (domestic and international) - functions and tasks</p> <p>d) Strategic goals of monetary policy</p> <p>e) Monetary policy instruments</p> <p>f) Mechanism of the impact of monetary policy on the economy</p> <p>1.4. Budget (fiscal) policy</p> <p>a) State budget and budget policy - basic concepts, features, principles and functions</p> <p>b) State budget revenues and income</p> <p>c) Tax - concept, functions and classifications</p> <p>d) Laffer curve</p> <p>e) State expenditures and expenses</p> <p>f) State budget result and public debt</p> <p>1.5. Balance of payments, foreign trade and exchange rate</p> <p>a) Concept and characteristics of a country's balance of payments</p> <p>b) Structure of the balance of payments</p> <p>c) Concept, characteristics and tools of trade policy (tariff and non-tariff)</p> <p>d) Concept and specificity of the exchange rate and the currency market</p> <p>e) Types of exchange rates</p> <p>f) Determinants of the exchange rate</p> <p>g) Nominal and real exchange rate</p> <p>h) Currency convertibility</p> <p>i) Impact of net exports on the level of income and the value of production.</p>											
Prerequisites and co-requisites												
Assessment methods and criteria	<table border="1"> <thead> <tr> <th>Subject passing criteria</th> <th>Passing threshold</th> <th>Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td>Assessment of exercises: colloquium</td> <td>51.0%</td> <td>40.0%</td> </tr> <tr> <td>Written test exam (lecture)</td> <td>51.0%</td> <td>60.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Assessment of exercises: colloquium	51.0%	40.0%	Written test exam (lecture)	51.0%	60.0%
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Assessment of exercises: colloquium	51.0%	40.0%										
Written test exam (lecture)	51.0%	60.0%										

Recommended reading	Basic literature	Begg D., Fischer S., Dornbusch R., Ekonomia. Makroekonomia, PWE, Warszawa 2003 i nowsze. Samuelson P.A., Nordhaus W.D., Ekonomia. Tom 2, PWN, Warszawa 2004 i nowsze. Szczepaniec M., Makroekonomia. Przewodnik, Wyd. UG, Gdańsk 2014.
	Supplementary literature	Mankiw, N. G., Taylor, M. P, Makroekonomia, PWE, Warszawa 2022.
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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