

Zagadnienia odpowiadają programom studiów I stopnia z r. ak. 2022/23 oraz programom studiów II st

Please note that the topics correspond to AY 2022/23 1st cycle study programmes and AY 2023/24 2nd cycle study programmes since according to the study plan these students will be defending their theses in AY 2024/25 or later.

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Stopień / Cycle	Jęz. / Lang.	Przedmiot / Course	Liczba zagadnień / Number of topics	FIIA	Zagadnienia / Topics
I	ENG	Introduction to Economics	5	x	The theory of rational choice - possibilities of its application and reference to real human behavior
I	ENG	Introduction to Economics	5	x	The importance of formal and informal institutions for economic development
I	ENG	Introduction to Economics	5	x	Market mechanism and its functioning in different spheres of economy
I	ENG	Introduction to Economics	5	x	The role of the state in the economy
I	ENG	Introduction to Economics	5	x	Economic methods of mitigating environmental degradation
I	ENG	Microeconomics I	6	x	Consumer Preferences: Utility Functions and Indifference Curves (Examples of Perfect Substitutes, Complementary Goods, Bads, Neutral Goods). The concept of Marginal Rate of Substitution.
I	ENG	Microeconomics I	6	x	Optimal Choice: utility maximization subject to budget constraint
I	ENG	Microeconomics I	6	x	Substitution effect and income effect of a price change (Slutsky equation)
I	ENG	Microeconomics I	6	x	Consumer's Demand, Market demand, Price Elasticity of Demand, Income Elasticity of Demand
I	ENG	Microeconomics I	6	x	Asset Market: the concept of Present Value, Future Value, Rate of Return, arbitrage and equilibrium in financial markets
I	ENG	Microeconomics I	6	x	Risk and Uncertainty: Expected Utility, types of risk propensity (Risk Loving Consumer, Risk-Averse Consumer and Risk-Neutral Consumer), diversification and Insurance
I	ENG	Microeconomics II	6	x	Technology and production – production sets, isoquants, marginal rate of technical substitution, returns to scale
I	ENG	Microeconomics II	6	x	Producer's problem – cost minimization, profit maximization, duality
I	ENG	Microeconomics II	6	x	Market structures (perfect competition, monopoly, monopolistic competition, oligopoly) – assumptions, producer's optimal choice, elasticity of demand
I	ENG	Microeconomics II	6	x	Price discrimination – conditions, types, implications for firm behavior and social welfare
I	ENG	Microeconomics II	6	x	Game theory – simultaneous and sequential games, representations, equilibrium concepts, Pareto efficiency
I	ENG	Microeconomics II	6	x	Factor markets – firm's demand for inputs under perfect competition and monopsony
I	ENG	Microeconomics III	6	x	Government Interventions: The Effects of the Taxes, Subsidies, Maximum Prices, Minimum Prices (Consumer Surplus Changes, Producer Surplus Changes and the Deadweight Loss)
I	ENG	Microeconomics III	6	x	Market equilibrium and Pareto efficiency. Partial Equilibrium vs General Equilibrium.
I	ENG	Microeconomics III	6	x	Production Possibilities and Comparative Advantage
I	ENG	Microeconomics III	6	x	Public Goods: Features of The Public Goods, Optimal Level of The Public Good, Free Riding
I	ENG	Microeconomics III	6	x	Externalities: Types of Externalities, Coase Theorem, Pigouvian Tax, Internalization
I	ENG	Microeconomics III	6	x	Assymmetric information: Adverse Selection and Moral Hazard
I	ENG	Macroeconomics I	5	x	National income account: basic categories and relations
I	ENG	Macroeconomics I	5	x	Money in the economy (definitions, functions, types, money creation process)
I	ENG	Macroeconomics I	5	x	ISLM model: equilibrium and analysis of macroeconomic policies
I	ENG	Macroeconomics I	5	x	Labour market. Types of unemployment. Natural unemployment rate. Okun's law.
I	ENG	Macroeconomics I	5	x	Inflation, its costs and benefits, and the Phillips curve
I	ENG	Macroeconomics II	6	x	Fiscal policy: budget constraint, public debt dynamics
I	ENG	Macroeconomics II	6	x	Monetary policy: objectives and instruments
I	ENG	Macroeconomics II	6	x	Determinants of long-run economic growth
I	ENG	Macroeconomics II	6	x	Determinants of consumption: Keynesian theory vs. modern consumption theories
I	ENG	Macroeconomics II	6	x	Investments: its significance and determinants
I	ENG	Macroeconomics II	6	x	Macroeconomic policies in the DAD/DAS framework
I	ENG	Open economy macroeconomics	5	x	Fiscal and monetary policy under a fixed and flexible exchange rate regimes - insights from the Mundell-Fleming model
I	ENG	Open economy macroeconomics	5	x	Long-run determinants of real and nominal exchange rates.
I	ENG	Open economy macroeconomics	5	x	Trade balance determinants over the long run (in light of the classical model)
I	ENG	Open economy macroeconomics	5	x	Balance of payments - definion and structure
I	ENG	Open economy macroeconomics	5	x	Interest rate parity
I	ENG	International Trade Theory and Policy	5	x	Sources of comparative advantage and the gains from trade in the neoclassical theory of international trade.
I	ENG	International Trade Theory and Policy	5	x	Intra-industry trade – definition, measurement, and theoretical explanation.
I	ENG	International Trade Theory and Policy	5	x	Firm heterogeneity in the theory of international trade and the proximity-concentration trade-off.

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I	ENG	International Trade Theory and Policy	5	x	Foreign Direct Investment – definitions, importance and theoretical explanation of horizontal and vertical FDI flows.
I	ENG	International Trade Theory and Policy	5	x	Trade policy instruments and their economic consequences under perfect and imperfect competition.
I	ENG	Financial Law	4	x	Fundamentals of financial law in Poland and the United States – constitutional regulations
I	ENG	Financial Law	4	x	Characteristics of taxes – general principles and selected tax structures
I	ENG	Financial Law	4	x	Value Added Tax – structure and scope of application
I	ENG	Financial Law	4	x	European Union regulations in public finance and state aid
I	ENG	Finance I	6	x	The role of the financial system and its structure
I	ENG	Finance I	6	x	Time value of money
I	ENG	Finance I	6	x	Investment appraisal criteria
I	ENG	Finance I	6	x	Money market: segments and instruments of the money market
I	ENG	Finance I	6	x	Capital market: fundamentals of capital market organisation, analysis and valuation of shares - basic models, Analysis and valuation of bonds
I	ENG	Finance I	6	x	Business risk: types of risk in the economic activity; quantity and value breakeven point; degree of operational, financial and total leverage
I	ENG	Finance II	6	x	The nature and purpose of financial management, interest rate risk and currency risk - the basic idea
I	ENG	Finance II	6	x	The term structure of interest rates and the yield curve
I	ENG	Finance II	6	x	Forward and future contracts - settlement and valuation
I	ENG	Finance II	6	x	Swaps - settlement and valuation
I	ENG	Finance II	6	x	Options - settlement and valuation, investment strategies using futures and/or options contracts
I	ENG	Finance II	6	x	Portfolio analysis: portfolio return and risk, Sharpe model, CAPM model, Arbitrage Pricing Theory
I	ENG	International Finance	4	x	The Asset approach to the exchange rate
I	ENG	International Finance	4	x	Monetary approach to the exchange rate
I	ENG	International Finance	4	x	Balance of payments
I	ENG	International Finance	4	x	Fiscal and monetary policy in the context of fixed/floating exchange rate
I	ENG	Econometrics	7	x	Ordinary Least Squares (OLS)
I	ENG	Econometrics	7	x	Measure of fit R2 and its properties
I	ENG	Econometrics	7	x	Assumptions of the Classical Linear Regression Model
I	ENG	Econometrics	7	x	Diagnostic tests
I	ENG	Econometrics	7	x	Omitted variables and insignificant variables
I	ENG	Econometrics	7	x	Heteroscedasticity - definition, consequences, solutions to the problem
I	ENG	Econometrics	7	x	Gauss-Markov Theorem
I	ENG	Insurances	4	x	Insurance Risks and Risk Pooling
I	ENG	Insurances	4	x	Premium Calculation and Utility in Insurance
I	ENG	Insurances	4	x	Market Failures in Insurance: Adverse Selection and Moral Hazard
I	ENG	Insurances	4	x	Regulation, Reinsurance, and Financial Stability
I	ENG	Accounting I	2	x	Principles, functions and key financial statements (functions and principles of accounting, core accounting terminology, purpose, scope, and structure of the Income Statement and Balance Sheet)
I	ENG	Accounting I	2	x	Accounting practices in business operations (impact of legal forms of companies on accounting, cCost accounting methods and inventory flows)
I	ENG	Accounting II	4	x	Cash vs. Accrual Accounting – Concepts and Implications
I	ENG	Accounting II	4	x	Depreciation, Amortization, and Provisions in Accounting
I	ENG	Accounting II	4	x	Recognition of Revenues and Expenses – Deferrals and Accruals
I	ENG	Accounting II	4	x	Financial Reporting - purpose, structure, and interpretation of key statements
I	ENG	Investment Account	6	x	Portfolio Optimization Using the Markowitz Method
I	ENG	Investment Account	6	x	Data Analysis in Financial Modeling and Investment Decisions
I	ENG	Investment Account	6	x	Building and Evaluating a One-Year Business Plan
I	ENG	Investment Account	6	x	Financial Feasibility and Profitability Analysis of a Business Project
I	ENG	Investment Account	6	x	Valuation of a Public Company Using the DCF Method

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I	ENG	Investment Account	6	x	Sensitivity Analysis and Risk Assessment in Company Valuation
I	ENG	Introduction to public finance	5	x	Functions and Growth of Government in the Economy
I	ENG	Introduction to public finance	5	x	Models of the Welfare State and Public Finance Responsibilities
I	ENG	Introduction to public finance	5	x	Taxation in Public Finance
I	ENG	Introduction to public finance	5	x	Local Government Finance – Revenues and Budgeting Challenges
I	ENG	Introduction to public finance	5	x	Control and Debt Management in Local Governments
I	ENG	Banking	6	x	Banking industry and economy: interdependence
I	ENG	Banking	6	x	Banks and their services
I	ENG	Banking	6	x	Financial statements of a banks
I	ENG	Banking	6	x	Measuring and evaluating of bank performance
I	ENG	Banking	6	x	Banking industry and regulations
I	ENG	Banking	6	x	Banks and future growth channels