

Area	Business Economics	ECTS Credits
	Introduction to Mathematics	4
	Probability Essentials	3
	Linear Algebra Basics	3
	Introduction to Calculus	5
	Mathematics for Economic Applications I	5
	Introduction to IT	4
	Programming Concepts	4
	Introduction to Entrepreneurship	4
	Project Management Principles and Practices	2
	Microeconomics I	4
	English for Professional and Study Purposes	6
	Academic Writing	3
	Logic and Critical Reasoning	3
	Civil Defense	2
	Techniques of Propaganda and Ideology	3
	Electives	4

Area	Economics and Big Data	ECTS Credits
	Introduction to Mathematics	4
	Probability Essentials	3
	Linear Algebra Basics	3
	Introduction to Calculus	5
	Mathematics for Economic Applications I	5
	Introduction to IT	4
	Programming Concepts	4
	Applied Algorithms and Data Structures I	4
	Project Management Principles and Practices	2
	Microeconomics I	4
	English for Professional and Study Purposes	6
	Academic Writing	3
	Logic and Critical Reasoning	3
	Civil Defense	2
	Techniques of Propaganda and Ideology	3
	Electives	4

Area	Software Development and Business Analysis	ECTS Credits
	Introduction to Mathematics	4
	Probability Essentials	3
	Linear Algebra Basics	3
	Introduction to Calculus	5
	Discrete Mathematics	5
	Introduction to IT	4
	Programming Concepts	4
	Applied Algorithms and Data Structures I	4
	Applied Algorithms and Data Structures II	4
	Project Management Principles and Practices	2
	English for Professional and Study Purposes	6
	Academic Writing	3
	Logic and Critical Reasoning	3
	Civil Defense	2
	Techniques of Propaganda and Ideology	3
	Electives	4

	Mathematics for Economic Applications II	5
	Probability and Statistics	5
	Regression Analysis	4
	Human Resource Development	4
	Financial Accounting	4
	Microeconomics II	4
	Macroeconomics I	4
	Macroeconomics II	4
	Ukrainian Modern History	3
	History of Economic Ideas	4
	Practice	5
	Electives	8
	2nd year project	3

	Mathematics for Economic Applications II	5
	Probability and Statistics	5
	Applied Linear Algebra	4
	Regression Analysis	4
	Data Preparation and Visualization	3
	Microeconomics II	4
	Macroeconomics I	4
	Macroeconomics II	4
	Ukrainian Modern History	3
	History of Economic Ideas	4
	Practice	5
	Electives	8
	2nd year project	3

	Probability and Statistics	5
	Regression Analysis	4
	Programming Paradigms	5
	Object Oriented Programming and Design	4
	Operating Systems	4
	Web Development	4
	Financial Accounting	4
	Introduction to Economics	4
	Ukrainian Modern History	3
	History of Economic Ideas	4
	Practice	5
	Electives	8
	2nd year project	3

	Econometrics	4
	Game Theory	4
	International Trade	4
	Project Management	4
	Marketing	4
	Economic Policy Analysis	4
	Monetary Economics	4
	Social Science Research Project	4
	Practice	5
	Electives	16
	3rd year project	3

	Econometrics	4
	Game Theory	4
	Introduction to Artificial Intelligence	4
	Time Series Analysis	4
	Databases	4
	Project Management	4
	Monetary Economics	4
	Social Science Research Project	4
	Practice	5
	Electives	16
	3rd year project	3

	Fundamentals of Software Engineering	4
	Software Development Practices	4
	Principles of Software Design	4
	Databases	4
	Business Analysis	4
	Business Intelligence Software	4
	Project Management	4
	Marketing	4
	Practice	5
	Electives	16
	3rd year project	3

	Military and Post-war Economics	4
	Behavior in Organizations	4
	Electives	16
	Industrial electives	12
	Capstone project	24

	Machine Learning and Deep Learning	4
	Big Data Analytics	4
	Electives	16
	Industrial electives	12
	Capstone project	24

	Software Testing	4
	Behavior in Organizations	4
	Electives	16
	Industrial electives	12
	Capstone project	24

