MASTER DEGREE COURSE IN

APPLIED ECONOMICS

(CURRICULUM DIGITAL ECONOMICS)

Study programme for students enrolled in the academic year 2023-2024

1st YEAR

MANDATORY UNITS	CREDITS	HOURS
ENGLISH: ACADEMIC WRITING AND SPEECH COMMUNICATION *	3	21
ITALIAN AS A FOREIGN LANGUAGE **	3	21
CODING: INTRODUCTION TO PYTHON	3	21
APPLIED MICROECONOMICS AND STRATEGIC BEHAVIOR	9	63
ECONOMETRIC ANALYSIS	9	63
STATIC AND DYNAMIC OPTIMIZATION	9	63
FINANCIAL REPORTING AND BUSINESS VALUATION	9	63
DATA PROTECTION LEGISLATION	6	42
METHODS AND APPLICATIONS OF MACHINE LEARNING	9	72
DIGITAL MARKETS AND REGULATION	9	63

2nd YEAR

MANDATORY UNITS	CREDITS	HOURS
MANAGEMENT OF DIGITAL COMPANIES AND PLATFORMS	6	42
RELATIONAL MARKETING	6	42
BEHAVIORAL ECONOMICS	6	42
EMPIRICAL INDUSTRIAL ORGANIZATION	6	42
15 ADDITIONAL FREE-CHOICE CREDITS *(suggested list)*		
MARKETS AND MECHANISM DESIGN	6	42
MACROECONOMIC FORECASTING AND NONLINEAR MODELLING	6	42
ENERGY MARKETS	6	42
TOPICS IN ENVIRONMENTAL SCIENCE AND ENGINEERING	6	42
TOPICS IN CONTEMPORARY ECONOMICS	6	42

	CREDITS	HOURS
SUSTAINABILITY STRATEGIES AND INNOVATION MANAGEMENT FOR CIRCULAR ECONOMY	6	48
SURVEY DATA COLLECTION	6	42
THE CHALLENGE OF POPULATION SUSTAINABILITY	6	42
STAGE	6	
FINAL THESIS/DISSERTATION	15	

MASTER DEGREE COURSE IN APPLIED ECONOMICS *(CURRICULUM ECONOMIC DATA ANALYSIS)* *Study programme for students enrolled in the academic year 2023-2024*		
1st YEAR		
MANDATORY UNITS	**CREDITS**	**HOURS**
ENGLISH: ACADEMIC WRITING AND SPEECH COMMUNICATION *	3	21
ITALIAN AS A FOREIGN LANGUAGE **	3	21
CODING: INTRODUCTION TO PYTHON	3	21
APPLIED MICROECONOMICS AND STRATEGIC BEHAVIOR	9	63
ECONOMETRIC ANALYSIS	9	63
STATIC AND DYNAMIC OPTIMIZATION	9	63
FINANCIAL REPORTING AND BUSINESS VALUATION	9	63
DATA PROTECTION LEGISLATION	6	42
METHODS AND APPLICATIONS OF MACHINE LEARNING	9	72
MACROECONOMIC POLICY EVALUATION	9	63
2nd YEAR		
MANDATORY UNITS	**CREDITS**	**HOURS**
BUSINESS ANALYTICS FOR ACCOUNTING AND FINANCIAL DATA	6	42
PUBLIC FINANCE: MODELS AND DATA ANALYSIS	6	42
APPLIED ECONOMIC POLICY	6	42
IMPACT EVALUATION	6	42
15 ADDITIONAL FREE-CHOICE CREDITS *(suggested list)*		
MARKETS AND MECHANISM DESIGN	6	42

MACROECONOMIC FORECASTING AND NONLINEAR MODELLING	**6**	**42**
ENERGY MARKETS	**6**	**42**
TOPICS IN ENVIRONMENTAL SCIENCE AND ENGINEERING	**6**	**42**
TOPICS IN CONTEMPORARY ECONOMICS	**6**	**42**
SUSTAINABILITY STRATEGIES AND INNOVATION MANAGEMENT FOR CIRCULAR ECONOMY	**6**	**48**
SURVEY DATA COLLECTION	**6**	**48**
THE CHALLENGE OF POPULATION SUSTAINABILITY	**6**	**42**
STAGE	**6**	
FINAL THESIS/DISSERTATION	**15**	

MASTER DEGREE COURSE IN **APPLIED ECONOMICS** ***(CURRICULUM ENVIRONMENTAL ECONOMIC AND GREEN FINANCE)*** ***Study programme for students enrolled in the academic year 2023-2024***

1st YEAR		
MANDATORY UNITS	**CREDITS**	**HOURS**
ENGLISH: ACADEMIC WRITING AND SPEECH COMMUNICATION *	**3**	**21**
ITALIAN AS A FOREIGN LANGUAGE **	**3**	**21**
CODING: INTRODUCTION TO PYTHON	**3**	**21**
APPLIED MICROECONOMICS AND STRATEGIC BEHAVIOR	**9**	**63**
ECONOMETRIC ANALYSIS	**9**	**63**
MATHEMATICS FOR FINANCE AND OPTIMIZATION	**9**	**63**
FINANCIAL REPORTING	**6**	**42**
CAPITAL MARKETS LAW AND GREEN FINANCE	**12**	**84**
ECONOMICS OF CLIMATE CHANGE AND LOW-CARBON TRANSITION	**9**	**63**
2nd YEAR		
MANDATORY UNITS	**CREDITS**	**HOURS**
IMPACT EVALUATION	**6**	**42**
RISK AND PORTFOLIO MANAGEMENT	**6**	**42**
ENVIRONMENTAL PROJECTS MANAGEMENT	**6**	**42**
ESG ANALYSYS AND SUSTAINABLE FINANCE	**6**	**42**

INVESTMENT EVALUATION	**6**	**42**

15 ADDITIONAL FREE-CHOICE CREDITS *(suggested list)*		
MARKETS AND MECHANISM DESIGN	**6**	**42**
MACROECONOMIC FORECASTING AND NONLINEAR MODELLING	**6**	**42**
ENERGY MARKETS	**6**	**42**
TOPICS IN ENVIRONMENTAL SCIENCE AND ENGINEERING	**6**	**42**
TOPICS IN CONTEMPORARY ECONOMICS	**6**	**42**
SUSTAINABILITY STRATEGIES AND INNOVATION MANAGEMENT FOR CIRCULAR ECONOMY	**6**	**48**
SURVEY DATA COLLECTION	**6**	**42**
THE CHALLENGE OF POPULATION SUSTAINABILITY	**6**	**42**
STAGE	**6**	
FINAL THESIS/DISSERTATION	**15**	

NOTES
* Compulsory linguistic exam for students with an Italian degree ** Compulsory linguistic exam for students with a foreign degree IN ORDER TO TAKE SECOND YEAR EXAM STUDENTS MUST REGISTER THE ENGLISH OR ITALIAN COURSE BY THE END OF THE FIRST YEAR