Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36

Mail: edgardo.sica@unifg.it





University of Foggia Department of Economics

Largo Papa Giovanni Paolo II, 1 71121 Foggia (ITALY)

1st Level Degree in "ECONOMICS"

List of courses offered a.a. 2015-2016

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36 Mail: edgardo.sica@unifg.it

Legend:

- A = Autumn Term
- S = Spring Term
- N/A = not available please contact the course's Professor

Please note that:

a. ALL courses are taught in Italian

- b. final examinations are generally in Italian. However some Professors give ERASMUS students the possibility of making the final exam in other languages: please check the corresponding column in the next pages.
- c. exams are scheduled on December 2015, January, February, April¹, June, July, and September 2016

¹ Only for Erasmus students who joined the Economics Department in the autumn term

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36

Course	No. of Credits	Lecturer	Term	Program	Examination in the following languages:
			1st YE	AR	
BUSINESS ADMINISTRATION (Economia Aziendale)	8	Prof. Michele MILONE michele.milone@unifg.it	А	N/A	N/A
MATHEMATICS (Matematica Generale)	8	Prof. Luca GRILLI luca.grilli@unifg.it	A	I mod. 2 cfu 0. Elements of Set Theory. 1. Elements of Linear Algebra: Vectors: definition, graphical representation for n=1,2,3. The operations of vectors: addition and substraction of two vectors, multiply a vector by a scalar. Vector multiplication. Linear combination among vectors. Matrices: definition, special matrices. Matrix transposition. The operations of matrices: addition and substraction of two matrices, multiply a matrix by a scalar. Matrix multiplication. Trace. Inverse of a matrix. Determinant of a square matrix, definition and properties. Rank of a matrix. Kronecker's theorem. Parametric matrices. Solving linear equation systems. Cramer's rule. Rouché-Capelli's theorem. Il mod. 2 cfu 2. Functions. Functions: main definition, domain. Inverse of a function. Composition. Sequences. N, Z, Q, R. Intervals in R. Absolute value. Bounded sets in R. Sup and Inf: definition and properties. Unbounded sets. Induction principle. The sum of n integers. Cartesian product. The graph of a	Italian/English

Tel. +39 0881 75.37.36 Mail: edgardo.sica@unifg.it function. Linear functions and main properties. Distance between two points. Equation of a circumference. Monotone functions. Concave functions. Special functions. Power function with exponent n, -n, 1/n. Exponential function, logarithmic . Trigonometric functions sin(x) and cos(x), main properties. Functions tan(x), cotan(x). Inverse of trigonometric functions. Operations with functions. 3. Limits of sequences and functions. Neighbourhood of a point. Accumulation points. Definition of limit. Theorem of uniqueness of the limit. Limit for sequences. Theorems of comparison. The "Pinching" or "Sandwich" Theorem. Operations with limits. Limit of the sum, of the product. Limits and infinity. Indeterminate forms. Theorem for the limit of the composition. Theorem for the limit of monotone functions. Fundamental theorem for the limits. III Mod. 2cfu 4. Continuous functions. Continuity and discontinuity. Weierstrass's theorem. Theorem of zeroes, the bisection method. Bolzano's theorem. 5. Differential calculus. Derivative. Geometric meaning of derivative. Points of non derivability. Derivatives of higher order. Continuity and derivability. Rules for computing derivatives. Derivative of composition, and inverse of a function. De L'Hopital's theorem. Local and global maxim and minima. Fermat's theorem. Rollé's theorem. Lagrange's theorem. Conditions for monotony. Functions differing from a constant. Taylor's formula. Convex functions and minimum points.

Departmental Erasmus Coordinator:

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Prof. Edgardo Sica

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36

				Applications to the graph of a function.	
				IV Mod. 2cfu	
				6. Series.	
				Definitions and examples. Geometric series. Operation with	
				series. Necessary condition for	
				convergence. Series with positive terms. Theorem of basic	
				comparison. Harmonic series and	
				harmonic generalized. The root and the ratio tests. The	
				alternating series. Leibnitz's theorem.	
				Series absolutely convergents.	
				7. Integrals.	
				Primitive. Indefinite integral. Linearity of integrals. Integration	
				by parts. Integral of rational	
				functions. Integral by substitution. Riemann integral. Theorem	
				of the mean value.	
				Introduction to statistics: definition; statistical distributions;	
				representation on a table; frequency distribution tables.	
				Graphical representations: line graph; pie graph; bar graph;	
				histogram; frequency polygon; scatterplot.	
				Measures of central tendency: arithmetic mean; geometric	
				mean; harmonic mean; quadratic mean; power mean;	
				median; mode; midrange; weighted means; properties.	
				Measures of variability: definition and properties; indexes of	
				dispersion; indexes of diversity; concentration and Lorenz	
STATISTICS (Statistica 1)	g l	Prof. Massimo RUSSO	Α	curve.	N/A
		massimo.russo@unifg.it		Measures of distribution shape: form indexes; skewness and	11/7
				kurtosis; normal curve, Chebychev's inequality.	
				Statistical ratios: definitions; types of ratios; index numbers.	
				Interpolation: phases and methods; measures of	
				approximation.	
				Bivariate distributions: dependent and independent variables;	
				relations between two variables; regression and correlation;	
				linear regression; correlation coefficient, rank order	
				correlation; measures of association.	
				Qualitative variables: mean values; eterogenity; measures of	

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36

iviali. <u>eugaruo.sica@urilig</u>	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	1		,	
				association. Elements of inferential statistics: main concepts; elements of sampling theory; definitions of probability.	
PRIVATE LAW (Istituzioni di Diritto Privato)	10	Prof. Marco GALLI marco.galli@unifg.it	A	(With references, in parentheses, the corresponding portions of your summary of the text recommended): 1) (Part I) Basic notions and principles: the social and legal system, sources of law, principles, and made legal effect, subjective situation and legal relationship, the dynamic of the subjective situations, legal method and interpretation, application of the law in space and in time). 2) (second part) Natural persons and legal entities. 3) (Part Three) legal situations: life situations, real situations of enjoyment, possessory situations, situations of credit and debt, guarantee situations, prescription and decadence. 4) (the fourth, with the exception of individual contracts not listed below) Private autonomy: negotiating autonomy and freedom of contract, contractual autonomy in content asset, unilateral promises and debt securities, advertising and transcription. Contracts: purchase, contract, mandate. 5) (Part Five) liability and tort. 6) (the seventh) Family and parental reports. 7) (the eighth) succession due to death. Program 6 cfu: excluding numbers 1), 6), 7). Program 9 cfu: excluding numbers 7).	Only Italian
PUBLIC LAW (Istituzioni di Diritto Pubblico)	9	Prof. Giorgio PELAGATTI giorgio.pelagatti@unifg.it	S	Legal organization and modern society Forms of state and forms of government History and evolution of the Italian State Fundamental principles of the Italian Constitution Parliament, Government, President of the Republic Sources of law Courts and Constitutional Court Public administration Activities of public authorities	N/A

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36

Mail: cagarao:sica@aring					
MICROECONOMICS (Economia Politica 1)	8	Prof.ssa Giuseppina TESTA giuseppina.testa@unifg.it	S	N/A	N/A
ENGLISH LANGUAGE (Lingua Inglese)	5	University Language Centre <u>cla@unifg.it</u>	N/A	N/A	N/A
(Informatica)	5	E-learning	N/A	N/A	N/A
		2	nd YE	AR	
ACCOUNTANCY AND FINANCIAL REPORTING (Metodologie e determinazioni quantitative d'azienda 1: contabilità e bilancio)	8	Prof. Christian FAVINO c.favino@unifg.it	А	Introduction to International Accounting Standard (IAS/IFRS). First-time Adoption of International Financial reporting Standards (IFRS 1). Presentation of financial statements (IAS 1). Fair value measurement (IFRS 13). Inventories (IAS 2). Business Combinations (IFRS 3). Property, Plant and Equipment (IAS 16). Impairment of Assets (IAS 36). Intangible Assets (IAS 38). Financial Instruments (IAS 32, IAS 39, IFRS 7 and IFRS 9). Leases (IAS 17). Consolidated Financial Statements (IAS 27 and IFRS 10). Income Taxes (IAS 12). Employee Benefits (IAS19). Provisions, Contingent Liabilities and Contingent Assets (IAS 37). Textbook: Epstein B.J., Jermakowicz E.K., Interpretation and Application of International Financial Reporting Standards, Wiley, London	Italian/English
MATHEMATICS FOR ECONOMIC AND FINANCE (Matematica per l'Economia e la Finanza)	8	Prof. Luca GRILLI luca.grilli@unifg.it	А	The course is organized into two modules. I Mod. (4 cfu) [5] Elements of Financial Mathematics. Financial laws. Annuities. Amortization and evaluation of the loans. II Mod. (4 cfu) [4] Complex Numbers. Linear Algebra: Vector and vector spaces. Eigenvalues and Eigenvectors; Definite Matrices. Quadratic Forms.	Italian/English

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36

wan. <u>cagarao.sica@anng</u>	<u>.</u>			- Vector Calculus.	
				- Static Optimisation: Unconstrained Optimisation.	
				- Static Optimisation: Constrained Optimisation.	
ECONOMIC HISTORY	8	Prof. Alida CLEMENTE	Δ.	N/A	N/A
(Storia Economica)	8	alida.clemente@unifg.it	Α	N/A	IV/A
MACROECONOMICS	8	Prof. Giuseppe CELI	S	N/A	N/A
(Economia Politica 2)	0	giuseppe.celi@unifg.it	3	N/A	IV/A
ECONOMIC GEOGRAPHY (Geografia Economica)	8	Prof.ssa Margherita Ciervo margherita.ciervo@unifg.it	S	1. Theory. Basic geographical concepts — The Geography evolution — The localization of economic activities according to the "classical" interpretation — The spatial relations: transport hubs and networks, urban networks, diffusion processes — Regions and economic development: imbalances — The development issue: theories, critics and alternative approaches — Economic development and environment: natural resources and impacts on the ecosystem — Systemic interpretation and local/global relation — Territory and technology dynamics — Organization of enterprise: from hierarchies to networks — Others organizational paradigms: the industrial districts — Territorial systems of value's production — Transnational economic networks and global governance. 2. Thematic studies. The water is an economic good or a common good? The water services' sector; the bottling companies. The privatization processes on the different levels of spatial scale, the socio-economic and territorial effects	N/A
ECONOMIC POLICY	8	Prof. Vincenzo VECCHIONE	S	N/A	N/A
(Politica Economica)		vincenzo.vecchione@unifg.it			
STATISTICS 2	8	Prof.ssa Alessia SPADA	S	N/A	N/A
(Statistica 2)		alessia.spada@unifg.it			
INDUSTRIAL		Prof. Umberto MONARCA			
ORGANISATION	8	umberto.monarca@unifg.it	S	N/A	N/A
(Economia Industriale)					
AGROFOOD		Prof.ssa Roberta SISTO	Α	1. The agro-food chain	N/A

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36

ECONOMICS (Economia Agroalimentare)		roberta.sisto@unifg.it		 The internationalization in agro-food sector The agro-food sector and its organization Traditional food retail and large-scale distribution Trend in food demand Food safety and food quality policies WTO and international agreements on the agro-food trade The Italian foreign trade in agro food products Agro-food trade and made in Italy 	
(Diritto Commerciale)	9	Prof. Sergio LOCORATOLO sergio.locoratolo@unifg.it	А	N/A	N/A
ECONOMICS OF FINANCIAL INTERMEDIARIES (Economia degli Intermediari Finanziari)	8	Prof.ssa Stefania Sylos Labini stefania.syloslabini@unifg.it	S	Financial system: the theory of financial intermediation; financial system: structure and functions; channels of intermediation; financial structure of the economy; the training of financial balances. Regulation and supervision of the financial system: principles of regulation of the financial system; evolution of the regulation (legge bancaria del 1936, legge 1/1991, Testo Unico Bancario, decreto Eurosim, Testo Unico della Finanza, Mifid), the Authorities of control; regulatory instruments; the New Basel Accord. Credit intermediaries: credit intermediation; credit intermediaries, banking activity; institutional models of banking; funding and loan activity and related technical forms; bank's balance sheet; economic and financial equilibrium in banks. Securities and insurance firms: insurance and securities firms, securities firms (Sim, Sgr, Sicav); investment services, insurance companies, the main insurance products, asset management, mutual funds, balance sheet of securities firms and insurance companies. Financial markets and instruments: functions and characteristics of financial markets and instruments, money	Italian/English

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36

Maii: <u>edgardo.sica@uniig.</u>	<u> </u>				
				and capital market, the trading venues; spot and futures market; financial derivative instruments. Risk management in financial firms: the concept of risk and its various profiles, typical risks of financial intermediaries, credit risk management, market risk, asset-liability management, operational risk.	
		3	rd YE	AR	
ADMINISTRATIVE LAW (Diritto Amministrativo)	8	Prof. Antonio COLAVECCHIO antonio.colavecchio@unifg.it	А	N/A	N/A
(Sistemi Dinamici e Applicazioni Economiche)		Prof.ssa Luica MADDALENA lucia.maddalena@unifg.it	A	Introduction to models and presentation of some models. Differences such as differential equations and mathematical models. Growth models in discrete and continuous. Solow model. Philips model.Arrow-Pratt index. Evans model. Competitive market. Predator-prey model. Model competition. Cooperation model. Capitalizationmodel for simple and compound. Equilibrium of a market model of the web. Tools Differential equation of order n. General solution. Cauchy problem. Theorem of existence and differential variables unicità. Equazioni separabili. Equazioni homogeneous and inhomogeneous linear differential of the differentialordine. Equazioni homogeneous. Equilibria and stability. Stability for first order autonomous equations. Homogeneous linear differential equations and nonhomogeneous of order n> 1. Nonlinear differential equations. Homogeneous equations with constant coefficients as systems. Systems of linear differential equations of order 1. stability Difference equations of order k. First order difference equations. Stability.	Italian/English

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36

Mail. Cagarao.sica@ailig		·		·	
				Periodic orbits. Stability. Singer theorem. Sorting Sharkowishy. Analysis logisticequation. Deterministic chaos.	
AGRICULTURAL ECONOMICS AND POLICY (Economia e Politica Agraria)	8	Prof.ssa Roberta SISTO roberta.sisto@unifg.it	А	Farm characteristics. Agricultural inputs. Farm's structure. Economic results accounting. Farm classification. Methods of ex-ante and ex-post analysis. The agriculture-economic system relationship. Targets, tools and agents of agricultural policy. The EEC development and enforcement. EEC financial resources framework. CAP features and development. Price and agricultural market policy. The Reform of CAP in the nineteens. The E.U Rural Development Policy. The CAP Mid term review. International trade policy: GATT/WTO, The Agreement on Agriculture.	N/A
(Scienza delle Finanze)	8	Prof. Vincenzo VECCHIONE vincenzo.vecchione@unifg.it	S	N/A	N/A
INTERNATIONAL ECONOMICS (Economia Internazionale)	9	Prof. Giuseppe CELI g.celi@unifg.it	S	N/A	N/A
ECONOMICS AND TECHNIQUE OF THE FINANCIAL MARKETS Economia e Tecnica dei Mercati Finanziari)	8	Prof. Pasquale DI BIASE pasquale.dibiase@unifg.it	А	Structure, organization and regulation of financial markets: the financial markets: classification and functions, the evolution of market structure: national and international framework; regulation and supervision of financial markets, the main traded instruments: Fixed Income Stocks, shares and derivatives. The stock market: the role of securities market in financial intermediation; operating conditions and organization forms of the securities market; rules of negotiation and pricing process; the microstructure of the Italian securities market; indices and segments of the stock exchange; stock exchange financial instruments and contracts: technical and operational profiles; regulation and market supervision. The securities firms: securities firms and investment services, Sim, Sgr and Sicav, asset management industry and products;	Italian/English

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36 Mail: edgardo.sica@unifg.it

				mutual and pension funds, Techniques of stock market analysys: the risk-return profile of securities, government and corporate bonds: indicators of performance, liquidity and risk; the yield curve: explanatory theories and estimation methods; the 'fundamental analysis of stocks and derivatives, technical analysis of listed securities, quantitative models for portfolio management.	
MARKETING IN BANKING AND INSURANCE (Marketing delle Imprese Bancarie e Assicurative)	6	N/A	А	N/A	N/A
FINANCIAL ANALYSIS OF PUBLIC ADMINISTRATIONS (Analisi Finanziaria degli Enti Pubblici)	8	N/A	S	N/A	N/A
QUANTITATIVE METHODS FOR FINANCIAL MARKETS (Metodi e modelli matematici per i mercati finanziari)	7	Prof. Luigi DE CESARE luigi.decesare@unifg.it	S	N/A	N/A
BANKING LAW (Diritto Bancario)	9	Prof.ssa Carmela ROBUSTELLA carmela.robustella@unifg.it	S	N/A	N/A
QUALITY AND CERTIFICATION OF	8	Prof. Giulio CAPPELLETTI giulio.cappelletti@unifg.it	Α	N/A	N/A

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36

Mail. Eugal uo.sica@ulling	<u>.1L</u>				
COMMODITY AND SERVICE (Qualità e Certificazione dei Prodotti e dei Servizi) TOURISM STATISTICS					
(Statistica del Turismo)	8	N/A	S	N/A	N/A
CONTRACT LAW (Diritto dei contratti)	8	Prof. Marco GALLI marco.galli@unifg.it	А	The study of individual contracts in the light of constitutional principles. From general principles to the regulation of individual contracts, with particular attention to the " new " contracts. Alternative dispute resolutions. Contracts typical and atypical. (Manual of civil right: the fourth and fifth).	Only Italian
TERRITORIAL AND TOURISM ENTERPRISES MARKETING (Marketing Territoriale e delle Imprese Turistiche)	8	Prof. Pierpaolo MAGLIOCCA pierpaolo.magliocca@unifg.it	А	Introduction to territorial marketing 2. Touristic marketing - The marketing environment - Marketing information system and marketing research - Buying behavior - Demand segmentation and market positioning - Product management - Pricing - Distribution channels - Promotion - Electronic Marketing 3. Destination Marketing 4. In-depth examination: - Local touristic systems - The configuration and governance of touristic systems 5. Case Studies	Italian/English
TOURISM GEOGRAPHY (Geografia del Turismo)	8	Prof.ssa Isabella VARRASO isabella.varraso@unifg.it	S	N/A	N/A
POLICIES FOR TOURISM, CULTURAL AND ENVIRONMENTAL	7	Prof. Pasquale PAZIENZA pasquale.pazienza@unifg.it	S	1. Definitions and contents of the economics of tourism. 2. Tourism in the national economy. 3. The micro-foundation of tourism demand. 4. The theory of tourism supply and its market structure. 5. The structure, performance and strategies of	Italian/English

Prof. Edgardo Sica

Office-room no.14, ground floor, Law Department (palazzo ex-Ateneo)

Tel. +39 0881 75.37.36

Maii. eugaruo.sica@uriiig.it	
GOODS	tourism firms. 6. ICT and tourism. 7. Tourism and local
(Politiche per il Turismo	economic development. 8. Tourism and environmental issues. 9.
e i Beni Ambientali e	Environmental valuation and sustainability. 10. Public
	intervention and tourism organization.
Culturali)	11. Definitions of goods and cultural activities: the economic
	approach. 12. Live shows and artistic operas. 13. Cultural
	goods: demand, institutional aspects and evaluation. 14. Public
	intervention.
	15. Environmental goods as public goods: the tragedy of the
	commons. 16. The economic approach for the management of
	environmental goods. 17. Criteria and methods for the
	economic evaluation of environmental goods.
	Suggested reading:
	1) Stabler M.J., Papatheodorou A., Sinclair M.T., Stabler M.,
	2009, The Economics of Tourism, Routledge, London.
	2) Towse R., 2010, A Textbook of Cultural Economics,
	Cambridge University Press, Cambridge (UK).
	3) Pearce D. and Turner R.K., 1989, Economics of Natural
	Resources and the Environment, The Johns Hopkins University
	Press, Baltimore (USA).
	4) Additional and more updated material will be produced by
	the lecturer and given during classes.