

EXAMPLE 1: MA STATISTICS COURSE DESCRIPTION LIST

Statistics and Math Course	Department	Instructor	Grade (out of 10)	School	Text	Subject Matter
Mathematics for Business I	Quantitative Methods	Roberto Morales Arsenal	8.5	CUNEF	1. Alpha C. Chiang: Fundamental Methods of Mathematical Economics , Mc. Graw-Hill. r 2. Martin Anthony and Norman Biggs: Mathematics for Economics and Finance: Methods and Modelling , Cambridge University Press.	1. Sequences, Limits and Series. 2. Limits and derivatives of one-variable functions 3. Areas and Integrals 4. Recurrence Equations and Differential Equations
Mathematics for Business II	Quantitative Methods	Roberto Morales Arsenal	9	CUNEF	1. Alpha C. Chiang: Fundamental Methods of Mathematical Economics , Mc. Graw-Hill. r 2. Martin Anthony and Norman Biggs: Mathematics for Economics and Finance: Methods and Modelling , Cambridge University Press.	1. Linear Algebra 2. Multi-variable calculus 3. Multi-variable functions: Integration Theory 4. Optimizing multi-variable functions
Financial Accounting I	Finance and Accounting	Francisco Javier Sosa	9.7	CUNEF	1. Cuadrado, A., Prado, A., Sosa, F.J., Garcia E., Y San Frutos, A. (2015). Basic financial accounting. Synopsis of the General Accounting Plan E , Madrid, C.E.R.S.A. 2. Besteiro Varela, Mª A. and Mazarracín Borregoero Mª Delr (2011). Advanced financial accounting . Ed. Pirámide, Madrid. 3. Camacho Miñano, M. M. and Rivero Menendez, M. J. (2010). Introduction to financial accounting , Madrid, Ed. Pearson 4. Gomez Gomez A. P., others (2008): The general accounting plan and SME's plan , Madrid, Editorial Pearson.	1. Introduction to Accounting 2. Balance sheet components analysis
Financial Accounting II	Finance and Accounting	María del Carmen Tejada	9	CUNEF	1. Besteiro Varela, Mª A. and Mazarracín Borregoero Mª Delr (2011). Advanced financial accounting . Ed. Pirámide, Madrid. 2. Cuadrado, A., Prado, A., Sosa, F.J., Garcia E., Y San Frutos, A. (2013). Financial Accounting II , Madrid, C.E.R.S.A.	1. Profit and loss statement analysis 2. Financial instruments 3. Asset and liability valuation methods
Microeconomics	Economics	Mercedes Gracia Diez	10	CUNEF	Pindyck, R.S. y Rubinfeld, D.L. (2013). Microeconomics , 8ª ed., Pearson Prentice Hall.	1. Consumer choice 2. Supply and demand 3. Monopolistic Competition, Oligopoly, and Monopoly
Statistics for Business I	Quantitative Methods	Roberto Morales Arsenal	10	CUNEF	1. Martín Pliego, F.J. Introduction to business statistics . Ed. AC, Madrid, 2000 (segunda edición) 2. Martín Pliego, F.J., Ruiz-Maya Pérez L. Fundamentals of probability , Edit. AC, Madrid 1998 3. Piñole, R., Morend, A. y Caballero A. Excel For statistical data analysis . Editorial Civitas, Madrid, 2002	1. Descriptive statistics 2. Probabilistic Models - an overview
Statistics for Business II	Quantitative Methods	Diana Castorina	9.5	CUNEF	1. Downing, D., and J. Clark, Business Statistics , Barron's, 2010. 2. Newbold, Paul, William L. Carlson and Betty Thorne. Statistics for Business and Economics . Interna	1. Probability distribution. Normal distribution 2. Sampling distribution 3. Point Estimators - Definition, Properties, and Estimation Methods 4. Confidence intervals 5. Hypothesis testing - Parametric significance-testing 6. Non-parametric testing 7. Analysis of Variance
Financial Mathematics	Finance and Accounting	Didac Ruiz	9.3	CUNEF	1. E. Prieto. Financial Mathematics. Theory of Financial Decision Making . Ed. Gabinete Financiero, Madrid 2008 2. M.J. Baquero and M.L. Maestro. Financial transactions - Practice . Ed. Thomson A.C, Madrid 2003 3. L. Gil Pelaez. Mathematics of Financial Operations . Ed. A.C. Madrid 1990 4. A. de Pablo Lopez. Financial Valuation . Ed. Ramón Areces 5. V. Meneu, Mª. P. Jorda and Mª. T. Barreira: Spanish financial market . Ed. Ariel, 1994.	1. Financial systems 2. Valuation of returns 3. Financial operations 4. Loans 5. Valuation of financial assets
Macroeconomics	Economics	Mercedes Gracia Diez	9.2	CUNEF	1. Blanchard, Amighini and Giavazzi, Macroeconomics: A European Perspective 2. Balzuegui, B; J. Cabrerizo, R. Padilla y J. Valero (2013): Macroeconomics: Theory and practice (3ª ed.), Editorial Pearson.	1. Goods Market 2. Financial Market 3. IS-LM 4. Labor Market 5. The aggregate-supply and aggregate-demand model
Managerial Accounting	Finance and Accounting	Francisco Javier Sosa	9.4	CUNEF	1. Muñoz C. C.J; Zomoza B.J y Veuthey M.E; (2008) Management and Cost accounting. 3ª edición. Ed. Thomson Civitas 2. Urquía Grande E: Accounting: creating value in a dynamic and international business environment. (2010) Universidad Complutense de Madrid	1. Conceptual foundations of Managerial Accounting 2. Accumulation model 3. Data analysis and decision making
Valuation and Security Analysis	Finance and Accounting	Pablo Garcia Estevez	8.4	CUNEF	1. Zvi Bobie, Alex Kane y Alan J. Marcus, (2004). Investments . McGraw Hill. 2. Thomas E. Copeland, J. Fred Weston y Kuldeep Shastri, (2004). Financial Theory and Corporate Policy . Pearson.	1. Capital budgeting. Conceptual approach 2. Special situations in capital budgeting 3. Different ways to consider risk in capital budgeting 4. Fundamental analysis 5. Technical analysis 6. Risk and return for individual assets and portfolios 7. Portfolio selection 8. Valuation of capital assets
Econometrics	Economics	Mercedes Gracia Diez	9	CUNEF	1. Wooldridge, J.M. (2004). Introductory econometrics: A modern approach . Thomson. 2. Greene, W.H. (1999). Econometric analysis . Prentice-Hall. 3. Heij, C., Boer, P., Franses, P.H. Kleok, T. and van Dijk, H.K. (2004). Econometric Methods with Applications in Business and Economics , Oxford University Press. 4. Carrascal, U., González, Y. y Rodríguez, B. (2001). Econometrics: theory and applications with Eviews , Ra-Ma.	1. The nature of econometrics and economic data 2. Linear Regression Analysis 3. Multiple Regression Model: Estimation and Inference 4. Regression Analysis with Cross-Sectional Data 5. Regression Analysis with Time Series Data