



SUBJECT: Quantitative methods in management		
MASTER DEGREE: Master in Management	ECTS: 6	QUARTER: 1

TIMETABLE FOR THE SUBJECT								
WEEK	SESSION	DESCRIPTION OF EACH SESSION	GROUP (X mark)		Indicate if a different lecture room is needed (computer, audiovisual, etc.)	HOMEWORK PER WEEK		
			1	2		DESCRIPTION	ATTENDING HOURS	HOMEWORK Max. 7H/WEEK
1	1	Introduction to Data analysis	x				1,5	
1	2	Introduction to Data analysis		x	Comp	Practice in SPSS and Statgraphics	1,5	4
2	3	Introduction to Data analysis	x				1,5	
2	4	Introduction to Data analysis		x	Comp	Practice in SPSS and Statgraphics	1,5	4
3	5	Simple Regression 1	x				1,5	
3	6	Simple Regression 1		x	Comp	Practice in SPSS and Statgraphics	1,5	4



4	7	Simple Regression 2	X				1,5	
4	8	Simple Regression 2		X	Comp	Practice in SPSS and Statgraphics	1,5	4
5	9	Multiple Regression	X				1,5	
5	10	Multiple Regression		X	Comp	Practice in SPSS and Statgraphics	1,5	4
6	11	Multicollinearity. Model election	x				1,5	4
6	12	Multicollinearity. Model election		X	Comp	Practice in SPSS and Statgraphics	1,5	4
7	13	Instrumental Variables. Dummy and Politomous	X				1,5	
7	14	Instrumental Variables. Dummy and Politomous		X	Comp	Practice in SPSS and Statgraphics	1,5	4
8	15	Presentation of the case to be studied	X				1,5	



8	16	First Midterm exam		X	Comp	Practice in SPSS and Statgraphics	1,5	4
9	17	Time series. Introduction. Stationary time series	X				1,5	
9	18	Time series. Introduction. Stationary time series		X	Comp	Practice in SPSS and Statgraphics	1,5	4
10	19	AR(p) Models	X				1,5	
10	20	AR(p) Models		X	Comp	Practice in SPSS and Statgraphics	1,5	4
11	21	MA(q) Models	X				1,5	
11	22	MA(q) Models		X	Comp	Practice in SPSS and Statgraphics	1,5	4
12	23	ARMA(p,q) and ARIMA(p,d,q) models	X				1,5	
12	24	ARMA(p,q) and ARIMA(p,d,q) models		X	Comp	Practice in SPSS and Statgraphics	1,5	4



13	25	Seasonal models $ARIMA(p,d,q) \times (P,D,Q)_s$	X				1,5	
13	26	Seasonal models $ARIMA(p,d,q) \times (P,D,Q)_s$			Comp	Practice in SPSS and Statgraphics	1,5	4
14	27	Extensions Outliers	X				1,5	
14	28	Second midterm			Comp	Practice in SPSS and Statgraphics	1,5	4