uc3m | Universidad **Carlos III** de Madrid
Vicerrectorado de Estudios
Apoyo a la docencia y gestión del grado

COURSE: Statistics		
DEGREE: Bachelor in Applied Mathematics and Computing	YEAR: 3	TERM: 1

WEEKLY PLANNING							
WEEK	SESSION	DESCRIPTION	LECTURES	SEMINARS	SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	WEEKLY PROGRAMMING FOR STUDENT DESCRIPTION	CLASS HOURS (1,66=50+50 min) / HOMEWORK HOURS (Max. Estim. 6,5h)

WEEK	SESSION	DESCRIPTION	LECTURES	SEMINARS	SPECIAL ROOM	WEEKLY PROGRAMMING DESCRIPTION	CLASS HOURS	HOMEWORK HOURS
1	1	Introduction to statistical inference (1.1 to 1.3)	x			Study of sections 1.1 to 1.3	1,66	6,5
	2	Exercises of sections 1.1 to 1.3		x	LAB	Resolution of exercises and introduction to statistical software R	1,66	
2	3	Introduction to statistical inference (1.4)	x			Study of section 1.4	1,66	6,5
	4	Exercises of section 1.4		x		Resolution of exercises	1,66	
3	5	Introduction to statistical inference (1.4)	x			Study of section 1.4	1,66	6,5
	6	Exercises of section 1.4		x		Resolution of exercises	1,66	
4	7	Confidence intervals (2.1 to 2.2)	x			Study of sections 2.1 to 2.2	1,66	6,5
	8	Exercises of sections 2.1 to 2.2		x		Resolution of exercises	1,66	
5	9	Confidence intervals (2.3 to 2.4)	x			Study of sections 2.3 to 2.4	1,66	6,5
	10	Exercises of sections 2.3 to 2.4		x		Resolution of exercises	1,66	
6	11	Confidence intervals (2.5)	x			Study of section 2.5	1,66	6,5
	12	Lab # 1		x	LAB	Resolution of topics 1 and 2 exercise using R	1,66	
7	13	Statistical test of hypothesis (3.1 to 3.3)	x			Study of sections 3.1 to 3.3	1,66	6,5
	14	First partial exam		x		Partial exam - Topics 1 and 2	1,66	
8	15	Statistical test of hypothesis (3.4 to 3.6)	x			Study of sections 3.4 to 3.6	1,66	6,5
	16	Exercises of sections 3.1 to 3.6		x		Realization of practical exercises	1,66	
9	17	Statistical test of hypothesis (3.7)	x			Study of section 3.7	1,66	6,5
	18	Exercises of sections 3.4 to 3.7		x		Resolution of exercises	1,66	
10	19	Non-parametric tests (4.1 to 4.2)	x			Study of sections 4.1 to 4.2	1,66	6,5
	20	Lab # 2		x	LAB	Resolution of exercises of topic 3 using R	1,66	
11	21	Non-parametric tests (4.3 to 4.4)	x			Study of sections 4.3 to 4.4	1,66	6,5
	22	Exercises of sections 4.1 to 4.4		x		Realization of practical exercises	1,66	
12	23	Non-parametric tests (4.5)	x			Study of section 4.5	1,66	6,5
	24	Exercises of sections 4.3 to 4.5		x		Resolution of exercises	1,66	
13	25	Linear regression (5.1 to 5.2)	x			Study of sections 5.1 to 5.2	1,66	6,5
	26	Lab # 3		x	LAB	Resolution of exercises of topic 4 using R	1,66	
14	27	Linear regression (5.3)	x			Study of section 5.3	1,66	6,5
	28	Exercises of sections 5.1 to 5.3		x		Resolution od exercises and tutorial	1,66	
	29	Second partial exam	x			Partial exam - Topics 3 to 5	1,66	3,25
		Subtotal 1					**48**	**94**
		Total 1 (Hours of class plus student homework)					**142**	

							CLASS HOURS	HOMEWORK HOURS
15		Tutorials, handing in, etc					3,6	-
16 17 18		Assessment					4	10
		Subtotal 2					**8**	**10**
		Total 2 (Hours of class plus student homework)					**18**	

TOTAL (*Maximun 160 horas*)	**160**