

COURSE: Probability II	
DEGREE: Estadística y Empresa	First

WEEKLY PLANNING						
WEEK	SESSION	DESCRIPTION	TEACHING (mark X)		SPECIAL ROOM FOR SESSION (computer classroom, audio-visual classroom...)	WEEKLY PROGRAMMING FOR STUDENTS
			L E C T U R E S	S E M I N A R S		DESCRIPTION
1	1	Discrete multivariate random variables	x			Lecture
1	2	Problems and solutions		x		Session of solving exercises
2	3	Independence.	x			Lecture
2	4	Problems and solutions		x		Session of solving exercises
3	5	Function of multivariate random variables	x			Lecture
3	6	Problems and solutions		x		Session of solving exercises
4	7	Expectation variance and conditional expectation	x			Lecture
4	8	1er PBL		x		Prueba corta y discusión de su solución
5	9	Classical models	x			Lecture
5	10	1er Parcial		x		Examen parcial
6	11	Multivariate continuous random variables	x			Lecture
6	12	Problems and solutions		x		Session of solving exercises
7	13	Independence. Functions of random variables	x			Lecture
7	14	Problems and solutions		x		Session of solving exercises

WEEKLY PLANNING						
WEEK	SESSION	DESCRIPTION	TEACHING (mark X)		SPECIAL ROOM FOR SESION (computer classroom, audio-visual classroom...)	WEEKLY PROGRAMMING FOR STUDENT
			LECTURES	SEMINARS		DESCRIPTION
8	15	Change of variable formulae. Expected value and variance	x			Lecture
8	16	2do PBL		x		Prueba corta y discusión de su solución
9	17	Conditional expectation and bivariate and multivariate Normal	x			Lecture
9	18	2do Parcial		x		Examen parcial
10	19	Distribution related to Normal distribution (chi-square y t-Student).	x			Lecture
10	20	Problems and solutions		x		Session of solving exercises
11	21	Markov inequality and convergence in probability	x			Lecture
11	22	Problems and solutions		x		Session of solving exercises
12	23	Laws of large number and Montecarlo Method	x			Lecture
12	24	Problems and solutions		x		Session of solving exercises
13	25	Generating functions and moments	x			Lecture
13	26	3er PBL		x		Prueba corta y discusión de su solución
14	27	Conveergence in distribution and Central Limit Theorem	x			Lecture
14	28	3er Parcial		x		Examen parcial
Subtotal 1						
Total 1 (Hours of class plus student homework hours between weeks 1-14)						
15		Tutorials, handing in, etc				
16		Assessment				
17						
18						
Subtotal 2						
Total 2 (Hours of class plus student homework hours between weeks 15-18)						

WEEKLY PLANNING						
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			LECTURES	SEMINARS		DESCRIPTION
TOTAL (Total 1 + Total 2. <u>Maximun 150 hours</u>)						

IDENT	
CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1,5	3
1,5	
1,5	3
1,5	
1,5	3
1,5	
1,5	3
1,5	
1,5	3
1,5	
1,5	3
1,5	
1,5	3
1,5	
42	42
84	

3
3
3

IDENT	
CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
87	