

SUBJECT DENOMINATION: Probabilidad I		
DEGREE:	Estadística y Empresa	COURSE: 1 SEMESTER: 1

CRONOGRAM OF THE SUBJECT								
WEEK	SESSION	DESCRIPTIONS OF THE CONTENTS OF EACH SESSION	GROUP (Put an X)		Point out the space needed (classroom, audiovisual, etc.)	STUDENT WORK DURING THE WEEK		
			BIG	SMALL		DESCRIPTION	CLASS HOURS	WORKING HOURS per week (max) 7 H
1	1	Course presentation. Chapter 1: Statistical description of data. Variable types and frequency distributions.	X			Working on the class material. Worksheet 1.	1,5	7
1	2	Chapter 1: Statistical description of data. Características numéricas y métodos gráficos de visualización de datos. Resolución de ejercicios y Computational exercises		X		Working on the class material. Worksheet 1. Computational exercises 1.	1,5	
2	3	Chapter 2. Basic concepts of probability. Definición y propiedades de la probabilidad.	X			Working on the class material. Worksheet 2. Computational exercises 2.	1,5	7
2	4	Chapter 2. Basic concepts of probability. Theoretical and computational exercises.		X		Working on the class material. Worksheet 2. Computational exercises 2.	1,5	
3	5	Chapter 2. Basic concepts of probability. Probabilidad condicionada y fórmulas de probabilidad total.	X			Working on the class material. Worksheet 2. Computational exercises 2.	1,5	7
3	6	Chapter 2. Basic concepts of probability. Theoretical and computational exercises.		x		Working on the class material. Worksheet 2. Computational exercises 2.	1,5	
4	7	Chapter 2. Basic concepts of probability. Independencia de sucesos. Teorema de Bayes.	X			Working on the class material. Worksheet 2. Computational exercises 2.	1,5	7
4	8	Chapter 2. Basic concepts of probability. Combinatoria y cálculo elemental de probabilidades.		X		Working on the class material. Worksheet 2. Computational exercises 2.	1,5	

5	9	Chapter 2. Basic concepts of probability. Theoretical and computational exercises.	X			Working on the class material. Worksheet 2. Computational exercises 2. Group tutorial.	1,5	7
5	10	Chapter 2. Basic concepts of probability. Resolución de problemas y Computational exercises		X		Working on the class material. Worksheet 2. Computational exercises 2.	1,5	
6	11	First partial exam Chapter 3: One-dimensional discrete random variables Función de masa de probabilidad.	X			Working on the class material. Worksheet 3. Computational exercises 3.	1,5	7
6	12	Chapter 3: One-dimensional discrete random variables Resolución de problemas y Computational exercises.		X		Working on the class material. Worksheet 3. Computational exercises 3.	1,5	
7	13	Chapter 3: One-dimensional discrete random variables Función de distribución.	X			Working on the class material. Worksheet 3. Computational exercises 3.	1,5	7
7	14	Chapter 3: One-dimensional discrete random variables Resolución de problemas y Computational exercises.		X		Working on the class material. Worksheet 3. Computational exercises 3.	1,5	
8	15	Chapter 3: One-dimensional discrete random variables Valor esperado y varianza de variables aleatorias discretas.	X			Working on the class material. Worksheet 3. Computational exercises 3.	1,5	7
8	16	Chapter 3: One-dimensional discrete random variables Resolución de problemas y Computational exercises.		X		Entender y asimilar la clase. Worksheet 3. Computational exercises 3.	1,5	
9	17	Chapter 3: One-dimensional discrete random variables Modelos de distribuciones discretas comunes.	X			Entender y asimilar la clase. Worksheet 3. Computational exercises 3. Group tutorial.	1,5	7
9	18	Chapter 3: One-dimensional discrete random variables Resolución de problemas y Computational exercises.		X		Entender y asimilar la clase. Worksheet 3. Computational exercises 3.	1,5	
10	19	Second partial exam Chapter 4. One-dimensional continuous random variables Función de densidad de probabilidad.	X			Entender y asimilar la clase. Worksheet 4. Computational exercises 4.	1,5	7
10	20	Chapter 4. One-dimensional continuous random variables		X		Entender y asimilar la clase.	1,5	

		Resolución de problemas y Computational excices.				Worksheet 4. Computational excices 4.		
11	21	Chapter 4. One-dimensional continuous random variables Función de distribución.	X			Working on the class material. Worksheet 4. Computational excices 4.	1,5	7
11	22	Chapter 4. One-dimensional continuous random variables Resolución de problemas y Computational excices.		X		Working on the class material. Worksheet 4. Computational excices 4.	1,5	
12	23	Chapter 4. One-dimensional continuous random variables Valor esperado y varianza de variables aleatorias continuas.	X			Working on the class material. Worksheet 4. Computational excices 4.	1,5	7
12	24	Chapter 4. One-dimensional continuous random variables Resolución de problemas y Computational excices.		X		Working on the class material. Worksheet 4. Computational excices 4.	1,5	
13	25	Chapter 4. One-dimensional continuous random variables Modelos de distribuciones continuas comunes.	X			Working on the class material. Worksheet 4. Computational excices 4. Group tutorial.	1,5	7
13	26	Chapter 4. One-dimensional continuous random variables Resolución de problemas y Computational excices.		X		Working on the class material. Worksheet 4. Computational excices 4.	1,5	
14	27	Thrid partial exam Chapter 4. One-dimensional continuous random variables Distribución de transformaciones de variables aleatorias.	X			Working on the class material. Worksheet 4 Computational excices 4	1,5	7
14	28	Chapter 4. One-dimensional continuous random variables Resolución de problemas y Computational excices.		X		Working on the class material. Worksheet 4 Computational excices 4	1,5	
SUBTOTAL							42	+ 68 = 110
15		Tutorial classes and projects deadlines.				Individual and group tutorial classes. Preparation for the final exam.	3	
16-18		Final exam				Preparation for the final exam. Final exam	3	16-18
TOTAL								