



COURSE: Bayesian Inference		
MASTER: ING MAT	YEAR: 2	TERM: 2

WEEKLY PLANNING								
WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		Special room for session (computer classroom, audio-visual classroom...)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	1. Introduction and basic results	x			Study of the materials of Chapter 1	1,5	6,5
1	2	1. Introduction and basic results		x		Exercises and practicals for Chapter 1	1,5	
2	3	2. Conjugate families of distributions	x			Study of the materials of Chapter 2	1,5	6,5
2	4	2. Conjugate families of distributions		x		Exercises and practicals for Chapter 2	1,5	
3	5	2. Conjugate families of distributions	x			Study of the materials of Chapter 2	1,5	6,5
3	6	2. Conjugate families of distributions		x		Exercises and practicals for Chapter 2	1,5	
4	7	3. Subjective and objective prior distributions	x			Study of the materials of Chapter 3	1,5	6,5
4	8	3. Subjective and objective prior distributions		x		Exercises and practicals for Chapter 3	1,5	
5	9	3. Subjective and objective prior distributions	x			Study of the materials of Chapter 3	1,5	6,5
5	10	3. Subjective and objective prior distributions		x		Exercises and practicals for Chapter 3	1,5	

6	11	4. Numerical methods and MCMC	x			Study of the materials of Chapter 4	1,5	6,5
6	12	4. Numerical methods and MCMC		x		Exercises and practicals for Chapter 4	1,5	
7	13	4. Numerical methods and MCMC	x			Study of the materials of Chapter 4	1,5	6,5
7	14	4. Numerical methods and MCMC		x		Exercises and practicals for Chapter 4	1,5	
8	15	5. Estimation and hypothesis testing	x			Study of the materials of Chapter 5	1,5	6,5
8	16	5. Estimation and hypothesis testing		x		Exercises and practicals for Chapter 5	1,5	
9	17	5. Estimation and hypothesis testing	x			Study of the materials of Chapter 5	1,5	6,5
9	18	5. Estimation and hypothesis testing		x		Exercises and practicals for Chapter 5	1,5	
10	19	6. Regression and hierarchical models	x			Study of the materials of Chapter 6	1,5	6,5
10	20	6. Regression and hierarchical models		x		Exercises and practicals for Chapter 6	1,5	
11	21	6. Regression and hierarchical models	x			Study of the materials of Chapter 6	1,5	6,5
11	22	6. Regression and hierarchical models		x		Exercises and practicals for Chapter 6	1,5	
12	23	7. Time series and forecasting	x			Study of the materials of Chapter 7	1,5	6,5
12	24	7. Time series and forecasting		x		Exercises and practicals for Chapter 7	1,5	
13	25	7. Time series and forecasting	x			Study of the materials of Chapter 7	1,5	6,5
13	26	8. Nonparametrics		x		Exercises and practicals for Chapter 8	1,5	
14	27	8. Nonparametrics	x			Study of the materials of Chapter 8	1,5	6,5
14	28	8. Nonparametrics		x		Exercises and practicals for Chapter 8	1,5	

Subtotal 1

Total 1 (Horas presenciales y de trabajo del alumno entre las semanas 1-14)

140

15		Recuperaciones, tutorías, entrega de trabajos, etc						
16		Preparación de evaluación y evaluación				Preparación del trabajo final y examen	3	14
17								
18								

Subtotal 2

Total 2 (Horas presenciales y de trabajo del alumno entre las semanas 15-18)

17

TOTAL (Total 1 + Total 2)

150