



SUBJECT: Mathematical Statistics		
MASTER DEGREE: Mathematical Engineering	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
1	1	Introduction	X			Theoretical Lecture	2
1	2	Examples of asymptotic statistics	X			Practical Class	2
2	1	Convergence of random variables	X			Theoretical Lecture	2
2	2	Proofs and discussion of exercises	X			Practical Class	2
3	1	Laws of large numbers	X			Theoretical Lecture	2
3	2	Proofs and discussion of exercises	X			Practical Class	2



4	1	Central limit theorem and its ramifications	X			Theoretical Lecture	2
4	2	Proofs and discussion of exercises	X			Practical Class	2
5	1	Delta Method	X			Theoretical Lecture	2
5	2	Proofs and discussion of exercises	X			Practical Class	2
6	1	U-Statistics	X			Theoretical Lecture	2
6	2	Proofs and discussion of exercises	X			Practical Class	2
7	1	Plugging estimation	X			Theoretical Lecture	2
7	2	Proofs and discussion of exercises	X			Practical Class	2
8	1	Presentation of short papers	X			Theoretical Lecture	2



8	1	Presentations simulations studies.	X			Practical Class	2
TOTAL HOURS							32