



DENOMINACIÓN ASIGNATURA: Seguridad Social y Sistemas de Previsión.		
POSTGRADO: MÁSTER UNIVERSITARIO EN CIENCIAS ACTUARIALES Profesor/a: Luis María, Sáez de Jáuregui	ECTS: 3.0	CUATRIMESTRE: PRIMERO

CRONOGRAMA DE LA ASIGNATURA (versión detallada)								
SEMANA	SESIÓN	DESCRIPCIÓN DEL CONTENIDO DE LA SESIÓN	GRUPO (marcar X)		Indicar espacio Necesario distinto aula (aula informática, audiovisual, etc..)	TRABAJO DEL ALUMNO DURANTE LA SEMANA		
			1	2		DESCRIPCIÓN	HORAS PRESENCIALES	HORAS TRABAJO Semana Máximo 7 H
1 st week	Theory	The actuarial principle of collective equivalence: The Kaan equation.					3	
2nd week	Theory Practical exercise	The actuarial financial systems: - Pay As You Go System (Pure and stepped average installment). - Coverage Capital Distribution System (Annual and Attenuated).				Build a tool for performing actuarial financial systems	3	2
3 rd week	Theory Practical exercise	The actuarial financial systems: - Capitalization System (Individual and Collective).				Build a tool for performing actuarial financial systems.	3	2
4 th week	Theory Practical exercise	- The public Social Security system in Spain, and its European and global context. - Protection of pension commitments assumed by companies with workers.				Build a tool for performing actuarial financial systems.	3	2



5th week	Theory and Practical exercise	- The actuarial hypotheses: mortality tables, disability tables, technical interest rates, salary projections, inflation, management costs.				Build a tool for performing actuarial financial systems.	3	2
6th week	Theory and Practical exercise	- Methods of actuarial cost evaluation in the actuarial financial system of capitalization. - Concepts: total actuarial cost, actuarial liability, normal cost, supplementary cost. -Method of accumulated benefits or accrued benefits. - Method of projected benefits or projected benefits.				Build a tool for performing actuarial financial systems.	3	2
7th week	Theory and Practical exercise	- Plans and Pension Funds, and other instruments of the complementary systems of social welfare.				Build a tool for performing actuarial financial systems.	3	2
TOTAL HORAS								