



DENOMINACIÓN ASIGNATURA: SOFTWARE ENGINEERING		
GRADO: Dual Degree in Informatics Engineering - Business Administration	CURSO: 4º	CUATRIMESTRE: 1º

La asignatura tiene 28 sesiones que se distribuyen a lo largo de 14 semanas. Los laboratorios pueden situarse en cualquiera de ellas. Semanalmente los alumnos tendrán dos sesiones. En cuatro de ellas habrá dos profesores.

PLANIFICACIÓN SEMANAL DE LA ASIGNATURA									
SEMANA	SESIÓN	DESCRIPCIÓN DEL CONTENIDO DE LA SESIÓN	GRUPO (marcar X)		Indicar espacio distinto de aula (aula informática, audiovisual, etc.)	Indicar SI/NO es una sesión con 2 profesores	TRABAJO SEMANAL DEL ALUMNO		
			GRANDE	PEQUEÑO			DESCRIPCIÓN	HORAS PRESENCIALES	HORAS TRABAJO (Max. 7h semana)
1	1	Presentation of the course	X				Study	2	4
1	2	Exercise: requirements reverse engineering		X			Planification of the course Project	2	
2	3	Introduction to requirements engineering	X				Study	2	4
2	4	Exercise: proposal for Project		X			Practice: Project overview and scope	2	
3	5	Obtaining and describing requirements	X				Study	2	4
3	6	Exercise: requirements elicitation		X			Practice: users, roles and capacities	2	
4	7	Requirements properties, attributes and organization	X				Study	2	4
4	8	Exercise: detecting errors in requirements		X			Practice: functional requirements	2	
5	9	Requirements classification	X				Study	2	4
5	10	Exercise: general question answering		X			Practice: non functional requirements	2	

6	11	Introduction to conceptual modeling	X				Study	2	6
6	12	Exercise: 1st project exposition		X		X	Practice: oral exposition	2	
7	13	Conceptual modeling: classes and objects	X				Study	2	6
7	14	Exercise: 1st project exposition		X		X	Practice: oral exposition	2	
8	15	Conceptual modeling: associations	X				Study	2	4
8	16	Exercise: conceptual modeling		X			Practice: conceptual modeling	2	
9	17	Conceptual modeling: hierarchies	X				Study	2	4
9	18	Exercise: conceptual modeling		X			Practice: conceptual modeling	2	
10	19	Introduction to architectural modeling	X				Study	2	4
10	20	Exercise: architectural modeling		X			Practice: architectural modeling	2	
11	21	Architectural modeling: components	X				Study	2	4
11	22	Exercise: architectural modeling		X			Practice: architectural modeling	2	
12	23	Architectural modeling: interfaces	X				Study	2	4
12	24	Exercise: general question answering		X			Practice: tables and annexes	2	
13	25	Architectural modeling: design by contract	X				Study	2	6
13	26	Exercise: 2nd project exposition		X		X	Practice: oral exposition	2	
14	27	Recapitulation	X				Study	2	6
14	28	Exercise: 2nd project exposition		X		X	Practice: oral exposition	2	
Subtotal 1								56	64
Total 1 (Horas presenciales y de trabajo del alumno entre las semanas 1-14)								120	
15		Missing classes, tutoring, Project delivery, etc							30
16									
17		Preparation for evaluation. Evaluation.							
18									
Subtotal 2								30	
Total 2 (Horas presenciales y de trabajo del alumno entre las semanas 15-18)									
TOTAL (Total 1 + Total 2. Máximo 180 horas)								150	