NAME OF THE SUBJECT: Markets and the environment		
DEGREE: Economics	COURSE: 3º	QUARTER: 1º

TIME PLANNING OF THE SUBJECT MARKETS AND THE ENVIRONMENT								
WEEK	SESSION	DESCRIPTION OF THE CONTENT OF THE SESSION 15 weeks of classes (including the week of final exams)	GROUP (MARK X)		Indicate location if different from the ordinary classroom (computer room etc..)	WORK OF THE STUDENT DURING THE WEEK		
			LARGE	SMALL		DESCRIPTION	HOURS (face-to-face class)	HOURS OF WORK per week (maximum 7h)
1	1	Introduction L-0	X			Introduction to environmental and natural resource economics	1,5	5
1	2	Introduction L-0 /2		X		Exercises intro: Micro and markets failure/ Sheet 1	1,5	
2	3	L- 1 - Natural resources Part 1: Non-renewable resources	X			Hotelling	1,5	5
2	4	L- 1 - Natural resources Part 1: Non-renewable resources/2		X		Exercises Hotelling	1,5	
3	5	L- 1 - Natural resources Part 1: Renewable resources/2	X			Natural resources concept & growth, Fisheries, Free Access	1,5	5
3	6	L- 1 - Natural resources Part 1: Renewable resources/2		X		Exercises Fisheries / Sheet 4	1,5	
4	7	L- 1 - Natural resources Part 1: Renewable resources/2	X	X		Dynamic renewable resources model.	1,5	5
4	8	L- 1 - Natural resources Part 1: Renewable resources/2			Computer room	Exercise on forests	1,5	
5	9	L-2 – Economic instruments to correct market failures.	X			Pigouvian taxes, subsidies and quotas	1,5	5

5	10	L-2 – Economic instruments to correct market failures		X		Equimarginality exercises	1,5	
6	11	L-2 – Economic instruments to correct market failures DEADLINE HOMEWORK 1	X			Pigouvian taxes versus quotas. Coase theorem, tradable emission permits	1,5	5
6	12	L-2 – Economic instruments to correct market failures		X		Solution of Homework 1	1,5	
7	13	L-2 – Economic instruments to correct market failures	X			Pollution regulation: Kyoto Protocol, European Emissions Trading Scheme.	1,5	5
7	14	L-2 – Economic instruments to correct market failures		X		Pollution control exercise	1,5	
8	15	L-2 – Economic instruments to correct market failures	X			Pollution regulation: Kyoto Protocol, European Emissions Trading Scheme.	1,5	5
8	16	L- 2 - Economic instruments for market failure correction		X		Emission trading game	1,5	
9	17	L- 3 - Natural resources valuation DEALINE HOMEWORK 2	X			Contingent valuation & CBA	1,5	5
9	18	L- 2 - Economic instruments for market failure correction		X		Solution of homework 2	1,5	
10	19	Mid-term exam	X			Mid-term exam	1,5	5

10	20	Solution mid-term exam		X		Solution mid-term exam	1,5	
11	21	L- 3 - Natural resources valuation DEADLINE HOMEWORK 2	X			Revealed preferences, travel cost method	1,5	5
11	22	L- 3 - Natural resources valuation		X		Exercises valuation	1,5	
12	23	L- 3 - Natural resources valuation	X			Revealed preferences, hedonic pricing	1,5	4
12	24	L- 3 - Natural resources valuation		X	X (computer room)	Case study: hedonic pricing.	1,5	
13	25	L- 4 International environmental regulation, multilateral environmental agreements.	X			International environmental regulation, multilateral environmental agreements.	1,5	5
13	26	L- 3 - Natural resources valuation		X		EXERCISES VALUATION	1,5	
14	27	L- 4 International environmental regulation, multilateral environmental agreements.	X			International environmental regulation, multilateral environmental agreements.	1,5	5
14	28	L- 4 International environmental regulation, multilateral environmental agreements.		X		Exercises international agreements	1,5	
SUBTOTAL							40 + 70 = 110	
15		Tutorials, handing in, etc					10	
16		Assessment					3	27
							150	