

ENVIRONMENTAL SCIENCES

UNDERGRADUATE DEGREE PROGRAMME DETAILS 2012-13

YEAR ONE (60 credits)						
SEMESTER	MODULE	AREA	SUBJECT	SUBJECT CODE	ECTS	TYPOLGY
1	Basic Subjects	Mathematics	Mathematics	203001	6	Core Subject
1		Physics	Physics	203002	6	Core Subject
1		Chemistry	General and Organic Chemistry	203003	7.5	Core Subject
1	Social, Economic and Juridical Sciences	Law	Administrative Law	203004	6	Compulsory Subject
1		Sociology	Culture, Society and Environment	203005	4.5	Compulsory Subject
2	Basic Subjects	Geology	Geology	203006	6	Core Subject
2		Biology	Biology	203007	7.5	Core Subject
2	Social, Economic and Juridical Sciences	Economics	Environmental Economics	203008	6	Compulsory Subject
2		Law	Criminal Law	203009	4.5	Compulsory Subject
2		Sociology	Social Intervention and Environmental Education	203010	6	Compulsory Subject

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YEAR TWO (60 credits)						
SEMESTER	MODULE	AREA	SUBJECT	SUBJECT CODE	ECTS	TYPOLGY
1	Basic Subjects	Biology	Fauna	203012	6	Core Subject
1			Microbiology	203013	6	Core Subject
1		Physics	Meteorology and Climatology	203014	6	Core Subject
1		Geology	Soil Science and Hydrology	203015	6	Core Subject
1	Instrumental Subjects	Statistics	Statistics	203018	6	Compulsory Subject
2	Environmental Technology	Environmental Engineering	Environmental Engineering	203016	6	Compulsory Subject
2	Basic Subjects	Biology	Ecology	203017	6	Core Subject
2			Flora and Vegetation	203011	6	Core Subject
2	Instrumental Subjects	Geographical Information Technologies (GIT)	Cartographic and Geographical Information Systems	203019	6	Compulsory Subject
2		Analytical Chemistry	Environmental Analytical Chemistry	203020	6	Compulsory Subject

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YEAR THREE (60 credits)						
SEMESTER	MODULE	AREA	SUBJECT	SUBJECT CODE	ECTS	TYPOLGY
1	Environmental Management, Quality, Conservation and Planning	Energy Management	Energy Optimization and Renewable Energy	203021	6	Compulsory Subject
1		Spatial Planning	Spatial Planning	203022	6	Compulsory Subject
1		Management, Conservation and Exploitation of Natural Resources	Management, Conservation and Exploitation of Water and Soil	203023	4.5	Compulsory Subject
1			Management, Conservation and Exploitation of Plant Resources	203024	4.5	Compulsory Subject
1			Management, Conservation and Exploitation of Animal Resources	203025	4.5	Compulsory Subject
1		Spatial Planning	Natural Risks	203026	4.5	Compulsory Subject
2	Global Environmental Changes	Global Environmental Changes	Ecosystem Functioning	203027	6	Compulsory Subject
2			Global Change	203050	6	Compulsory Subject
2	Environmental Technology	Analysis and Monitoring of Pollution	Environmental Pollution	203028	6	Compulsory Subject
2			Water Treatment and Waste Management	203029	6	Compulsory Subject
2		Environmental Restoration	Bioremediation and Restoration	203030	6	Compulsory Subject

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YEAR FOUR (60 credits)						
SEMESTER	MODULE	AREA	SUBJECT	SUBJECT CODE	ECTS	TPOLOGY
1	Environmental Management, Quality, Conservation and Planning	Environmental Assessment	Environmental Impact Assessment	203031	6	Compulsory Subject
1	Environmental Management, Quality, Conservation and Planning	Management Systems	Quality and Environment Management System	203032	6	Compulsory Subject
1	Environmental Transversal Knowledges and Skills	Environmental Projects	Environmental Projects Organization and Management	203033	6	Compulsory Subject
2	Environmental Transversal Knowledges and Skills	Environmental Projects	Final Year Project	203034	12	Final Year Project
	Optional Subjects		Optional Subject I		6	Optional Subject
			Optional Subject II		6	Optional Subject
			Optional Subject III		6	Optional Subject
			Optional Subject IV		6	Optional Subject
			Optional Subject V		6	Optional Subject
1	Optional Subjects	Environment Adaptation	Animal Functional Adaptations to the Environment	203036	6	Optional Subject

1	Optional Subjects	Environment Adaptation	Plant Functional and Morphological Responses to the Environment	203037	6	Optional Subject
1	Optional Subjects	Conservation	Genetic Basis of Conservation	203038	6	Optional Subject

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SEMESTER	MODULE	AREA	SUBJECT	SUBJECT CODE	ECTS	TPOLOGY
1	Optional Subjects	Pollution	Sustainable Chemistry	203040	6	Optional Subject
1	Optional Subjects	Environmental Skills	Field Skills of Physical Environment	203047	6	Optional Subject
1	Optional Subjects	Environmental Skills	Applied Limnology	203048	6	Optional Subject
2	Environmental Transversal Knowledges and Skills	External Internship	External Internship	203035	6	Optional Subject
2	Optional Subjects	Conservation	Endangered Species and Plant Formations in the Iberian Peninsula	203039	6	Optional Subject
2	Optional Subjects	Pollution	Noise and pollution	203041	6	Optional Subject
2	Optional Subjects	Management	Urban Environmental Management	203042	6	Optional Subject
2	Optional Subjects	Management	Water Economics	203043	6	Optional Subject
2	Optional Subjects	Natural Environment	Geomorphology	203044	6	Optional Subject
2	Optional Subjects	Natural Environment	Marine Zoology	203045	6	Optional Subject
2	Optional Subjects	Environmental Skills	Sampling Methods in Ecology	203046	6	Optional Subject
2	Optional Subjects	Environmental Skills	Geographical Analysis Skills	203049	6	Optional Subject

Comentado [SDP1]: NO APARECE EN LA GUÍA EN ESPAÑOL

Comentado [SDP2]: NO APARECE EN LA GUÍA EN ESPAÑOL