

Faculty of Environmental Sciences 4-year Degree in Environmental Sciences		
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Description of the Syllabus	Professional qualification	4-year Degree in Environmental Sciences
	Duration	4 years
	Division in cycles	2 cycles. Two years each one.

Name of the Faculty/Centre	Faculty of Environmental Sciences
Professional Qualification	4-year Degree in Environmental Sciences
Date of the Syllabus	1998
Overall number of classes in UCLM credits	305
Overall number of classes in ECTS credits	240

First Cycle

First Course

Code	Subject	Credits ECTS
37001	General Geology I: External Processes	5.5
37002	Fundamentals of Environmental Physics	5.5
37003	Fundamentals of Environmental Chemistry	5.5
37004	Molecular and Cellular Biology	5.5

37005	Fundamentals of Mathematics for Environmental Studies	7
37006	Biology: The organism level	5.5
37007	Atmospheric Chemistry	5.5
37008	Zoology	6
37009	Botany	6
37010	Instrumental Analysis in Chemistry	4.5
	<i>Free Configuration</i>	3.5

Second Course

Code	Subject	Credits ECTS
37011	Ecology I	5
37012	Fundamentals of Environmental Engineering	6
37013	General Geology II: Soil and Resources	5
37014	Society and the Environment	5
37015	Plant Physiology	5
37016	Environmental Microbiology	5
37017	Ecology II	5
37018	Environmental Administration and Legislation	5
37019	Geographical Information Systems	5
37020	Animal Physiology	5
	<i>Optional subject from 1st cycle</i>	5
	<i>Free Configuration</i>	5

Optional (first cycle)

Code	Subject	Credits ECTS
37036	Genetic Engineering and Genetically Modified Organisms	5
37037	Environmental Physiology of Plants	5
37038	Toxic Components and Environment	5

Second Cycle

Third Course

Code	Subject	Credits ECTS
37021	Meteorology and Climatology	5
37022	Conservation & Management of Natural Resources: Terrestrial Resources	5
37023	Statistics	5
37024	Applied Economy	4.5
37025	Principles of Biological Conservation	5
37026	Land-use Planning and Environment	7
37027	Atmospheric Pollution	5
37028	Environmental Toxicology and Public Health	5
37029	Conservation & Management Natural Resources: Water Resources	5
	<i>Optional subject from 2nd cycle</i>	4.5
	<i>Free Configuration</i>	4.5
	<i>Free Configuration</i>	4.5

Fourth Course

Code	Subject	Credits ECTS
37030	Environmental Impact Assessment	7
37031	Dynamics of Environmental Systems	5
37032	Process and Technology of Water Treatment	6
37033	Organization and Project Management	2.5
37034	The Earth System	4.5
9003	End of Degree Project	4.5
	Optional subject from 2 nd cycle	4.5
	Optional subject from 2 nd cycle	4.5
	Optional subject from 2 nd cycle	4.5
	Optional subject from 2 nd cycle	4.5
	Optional subject from 2 nd cycle	4.5
	Free Configuration	5.5

Optional (Second cycle)

Code	Subject	Credits ECTS
37039	Genetic Analysis and Environment	4.5
37040	Environmental Biotechnology	4.5
37041	Population Dynamics	4.5
37042	Fire Ecology	4.5
37043	Aquatic Ecosystems	4.5
37044	Terrestrial Ecosystems	4.5
37045	Environmental Education	4.5
37046	Energy and Environment	4.5
37047	Fauna and Faunistic Communities of the Iberian Peninsula	4.5
37048	Flora and Vegetation of the Iberian Peninsula	4.5
37049	Environmental Geology	4.5
37050	Management of Wild Life	4.5
37051	Management and Treatment of Waste and industrial effluents	4.5
37052	Management and Treatment of Urban Solid Waste and Assimilated Waste	4.5
37053	Impact of Environmental Pollution	4.5
37054	Planning and Management of Protected Areas	4.5
37055	Radiation and Noise	4.5
37056	Ecological Restoration	4.5
37057	Environmental Risk of Technology	4.5