



Universidad Autónoma
de Madrid

ENVIROMENTAL SCIENCE + GEOGRAPHY AND LAND MANAGEMENT DEGREE

ACADEMIC YEAR 2020/2021

Studies	Environmental Science + Geography and land Management Degree
Centre	<p><u>Management Administration Student:</u> Faculty of Sciences (Edif. Biology) C/ Darwin, 2 Campus de Cantoblanco 28049 – Madrid Phone: 914978264</p> <p><u>Teaching:</u> Faculty of Sciences (Edif. Biology) C/ Darwin, 2 Campus de Cantoblanco 28049 – Madrid Phone: 914978264 Web page ↗</p> <p>Arts Faculty Campus de Cantoblanco 28049 – Madrid Phone: 914974354 Web page ↗</p>
Knowledge Branch	Sciences Social and Legal Sciences
ECTS Credits	360

ECTS CREDITS	
Basic training (FB)	90
Compulsory (OB)	228
Optional (OP)	30
External practical (PE)	--
End-of-degree Project (TFG)	12
Total	360



FIRST YEAR

Code	Subject	Credits	Type	Semester
<u>16476</u>	CHEMISTRY	9	FB	Annual
<u>16477</u>	GEOLOGY	9	FB	Annual
<u>19201</u>	GEOGRAPHY OF THE NATURAL SYSTEM	12	FB	Annual
<u>16478</u>	MATHEMATICS	6	FB	1
<u>16479</u>	BIOLOGY	6	FB	1
<u>16480</u>	SOCIETY AND THE ENVIRONMENT	6	FB	1
<u>16481</u>	STATISTICS	6	FB	2
<u>16482</u>	ZOOLOGY	6	FB	2
<u>16483</u>	BOTANY	6	FB	2
<u>16484</u>	HUMAN BEHAVIOUR AND THE ENVIRONMENT	6	OB	2

SECOND YEAR

Code	Subject	Credits	Type	Semester
<u>16485</u>	ECOLOGY	9	OB	Annual
<u>16486</u>	ENVIRONMENTAL LAW	9	OB	Annual
<u>16487</u>	PHYSICS	6	FB	1
<u>16488</u>	ECONOMY AND THE ENVIRONMENT	6	FB	1
<u>16489</u>	MICROBIOLOGY	6	OB	1
<u>19206</u>	INTRODUCTION TO CARTOGRAPHY	6	OB	1
<u>16490</u>	METEOROLOGY AND CLIMATOLOGY	6	OB	2
<u>16491</u>	PEDOLOGY	6	OB	2
<u>16493</u>	INSTRUMENTAL TECHNIQUES FOR ENVIRONMENTAL SCIENCES	6	OB	2
<u>17724</u>	GEOGRAPHIC INFORMATION SYSTEMS	6	OB	2
<u>19205</u>	GEOGRAPHY OF EUROPE	6	FB	2

THIRD YEAR

Code	Subject	Credits	Type	Semester
<u>16494</u>	ENVIRONMENTAL POLLUTION PROCESSES AND EVALUATION METHODOLOGIES	9	OB	Annual
<u>16495</u>	ENVIRONMENTAL POLICIES AND MANAGEMENT IN THE ADMINISTRATION AND THE ENTERPRISE	9	OB	Annual
<u>19207</u>	GEOGRAPHY OF SPAIN	12	OB	Annual
<u>16496</u>	BASIS OF ENVIRONMENTAL ENGINEERING	6	OB	1
<u>16497</u>	APPLIED STATISTICS FOR ENVIRONMENTAL SCIENCES	6	OB	1
<u>17711</u>	HISTORY OF SPAIN	6	FB	1
<u>16498</u>	ECOLOGY AND MANAGEMENT OF NATURAL RESOURCES	6	OB	2



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Code	Subject	Credits	Type	Semester
<u>16499</u>	SOIL DEGRADATION AND CONSERVATION	6	OB	2
<u>17725</u>	INTRODUCTION TO LAND MANAGEMENT	6	OB	2
<u>17735</u>	EVOLUTION OF GEOGRAPHIC THOUGHT	6	OB	2

FOURTH YEAR

Code	Subject	Credits	Type	Semester
<u>16501</u>	ENVIRONMENTAL REMEDIATION TECHNOLOGIES	9	OB	Annual
<u>16502</u>	LAND PLANNING AND THE ENVIRONMENT	9	OB	Annual
<u>16503</u>	PROJECT PLANNING AND MANAGEMENT	6	OB	1
<u>16513</u>	HUMAN ECOLOGY	6	OB	1
<u>16523</u>	LANDSCAPE EVALUATION AND MANAGEMENT	6	OB	1
<u>19208</u>	HISTORY OF SPAIN	6	OB	1
<u>17734</u>	REGIONAL GEOGRAPHY OF SPAIN	6	OB	2
<u>19210</u>	PHYSICAL ENVIRONMENTAL APPLICATIONS OF GEOGRAPHIC INFORMATION TECHNOLOGIES	6	OB	2
<u>19211</u>	GEOGRAPHY OF SERVICES	6	OB	2
<u>19212</u>	SOCIAL AND ECONOMIC APPLICATIONS OF GEOGRAPHIC INFORMATION TECHNOLOGIES	6	OB	2
<u>16529</u>	GEOSPATIAL TECHNOLOGIES FOR ENVIRONMENTAL SCIENCES	6	OB	2

FIFTH YEAR

Code	Subject	Credits	Type	Semester
<u>17726</u>	MANAGEMENT AND PLANNING OF THE PHYSICAL ENVIRONMENT	6	OB	1
<u>17727</u>	URBAN PLANNING AND POLICIES	6	OB	1
<u>16518</u>	RURAL DEVELOPMENT ANALYSIS, PLANNING AND MANAGEMENT	6	OB	2
<u>16531</u>	ASSESSMENT AND IMPLEMENTATION OF PUBLIC POLICIES	6	OB	2
<u>17736</u>	TENDENCIES AND METHODS OF RECENT GEOGRAPHY	6	OB	2
	3 OPTIONAL SUBJECTS OF ENVIRONMENTAL SCIENCE	18	OP	1 o 2
	2 OPTIONAL SUBJECTS OF GEOGRAPHY AND LAND MANAGEMENT	12	OP	1 o 2
<u>16504</u>	END-OF-DEGREE PROJECT OF ENVIRONMENTAL SCIENCE	6	TFG	Annual
<u>19214</u>	END-OF-DEGREE PROJECT OF GEOGRAPHY AND LAND MANAGEMENT	6	TFG	Annual

OPTIONAL SUBJECTS OF ENVIRONMENTAL SCIENCE

Code	Subject	Credits	Type	Semester
<u>18878</u>	EXTERNAL INTERNSHIP ENVIRONMENTAL SCIENCE	6	OP	Annual
<u>16505</u>	WASTE MANAGEMENT	6	OP	1



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Code	Subject	Credits	Type	Semester
<u>16509</u>	BIOTECHNOLOGY: ENVIRONMENTAL ANALYSIS AND BIOREMEDIATION I	6	OP	1
<u>16516</u>	PLANNING AND MANAGEMENT OF PROTECTED AREAS	6	OP	1
<u>16517</u>	CROSS-DISCIPLINARY SEMINAR ON HUMAN DEVELOPMENT AND THE ENVIRONMENT	6	OP	1
<u>16521</u>	GEOBOTANY (PHYTOSOCIOLOGY)	6	OP	1
<u>16524</u>	HYDROLOGY AND WATER MANAGEMENT	6	OP	1
<u>16528</u>	ANIMAL PHYSIOLOGY	6	OP	1
<u>16530</u>	ENVIRONMENTAL PLANT PHYSIOLOGY	6	OP	1
<u>16506</u>	ENVIRONMENTAL PHOTOCHEMISTRYMEDIOAMBIENTAL	6	OP	2
<u>16510</u>	ORGANIC COMPOUNDS AND THE ENVIRONMENT	6	OP	2
<u>16511</u>	ENERGY AND THE ENVIRONMENT	6	OP	2
<u>16512</u>	BIOTECHNOLOGY: ENVIRONMENTAL ANALYSIS AND BIOREMEDIATION II	6	OP	2
<u>16519</u>	ENVIRONMENTAL HAZARD ASSESSMENT AND MANAGEMENT	6	OP	2
<u>16520</u>	ENVIRONMENTAL INTERPRETATION AND EDUCATION	6	OP	2
<u>16522</u>	GEOLOGY LAB: ANALYSIS AND EVALUATION OF GEOLOGICAL MATERIALS, AND LANDFORMS	6	OP	2
<u>16525</u>	SPECIES CONSERVATION	6	OP	2
<u>16526</u>	BASIS OF LIMNOLOGY	6	OP	2
<u>16527</u>	RESTORATION ECOLOGY	6	OP	2

OPTIONAL SUBJECTS OF GEOGRAPHY AND LAND MANAGEMENT

Code	Subject	Credits	Type	Semester
<u>17738</u>	SPANISH CITIES. MADRID	6	OP	1
<u>17742</u>	HYDROGEOMORPHOLOGY	6	OP	1
<u>17743</u>	GEOECOLOGY AND BIODIVERSITY	6	OP	1
<u>17746</u>	SOCIAL PROBLEMS AND URBAN DYNAMICS	6	OP	1
<u>19220</u>	GEOGRAPHY OF TOURISM	6	OP	1
<u>17739</u>	SPAIN'S RURAL ENVIRONMENT: CHARACTERISATION AND DEVELOPMENT	6	OP	2
<u>17744</u>	CLIMATE CHANGE AND ENVIRONMENTAL IMPACTS	6	OP	2
<u>19222</u>	SEMINAR ON WORLD FRONTIERS	6	OP	2
<u>19216</u>	EXTERNAL PRACTICAL GEOGRAPHY AND LAND MANAGEMENT DEGREE	6	OP	1 o 2