

COURSE CATALOGUE OF ENVIRONMENTAL SCIENCES DEGREE

University of Salamanca, Spain

Course Type	ECTS
Core courses	60
Required courses	150
Elective courses	18
Bachelor's thesis *	12
TOTAL	240

* Not open to Erasmus students

First year

Courses	Code	Term	ECTS
MATHEMATICS	105600	1+2	9
PHYSICS	105601	1+2	9
CHEMISTRY	105602	1+2	9
BIOLOGY	105603	1+2	9
GEOLOGY	105604	1+2	9
GEOGRAPHIC INFORMATION SYSTEMS	105605	1+2	9
ENVIRONMENTAL ADMINISTRATION AND LEGISLATION	105606	1+2	6
TOTAL			60

Second year

Courses	Code	Term	ECTS
ECOLOGY	105607	1+2	9
ZOOLOGY	105608	1	7,5
HYDROLOGY	105609		6
BASIC ENGINEERING OPERATIONS	105610		6
METEOROLOGY AND CLIMATOLOGY	105611		6
SOIL SCIENCE	105612		6
INSTRUMENTAL TECHNIQUES FOR ENVIRONMENTAL ANALYSIS	105613	2	6
STATISTICS	105614		6
BOTANY	105615		7,5
TOTAL			60

Third year

Courses	Code	Term	ECTS
MANAGEMENT AND CONSERVATION OF FLORA, FAUNA, AND PROTECTED AREAS	105616	1	6
ENVIRONMENTAL MICROBIOLOGY	105617		6
OCEANOGRAPHY	105618		6
LAND PLANNING AND ENVIRONMENT	105619		6
AIR POLLUTION	105620		6
WASTE MANAGEMENT, TREATMENT AND RECOVERY	105621	2	6
SOIL DEGRADATION AND CONSERVATION	105622		4,5
FUNDAMENTALS OF ENVIRONMENTAL ENGINEERING	105623		4,5
WATER POLLUTION AND PURIFICATION	105624		6
Elective course 1	See list below		4,5
Elective course 2	See list below		4,5
TOTAL			60

Fourth year

Courses	Code	Term	ECTS
ENVIRONMENTAL IMPACT ASSESSMENT	105625	1	6
RENEWABLE ENERGY AND ENERGY EFFICIENCY	105626		7,5
APPLIED ECONOMICS	105627		6
ENVIRONMENTAL MANAGEMENT SYSTEMS AND AUDITS	105628		6
ENVIRONMENTAL TOXICOLOGY AND PUBLIC HEALTH	105629		4,5
MATHEMATICAL MODELLING AND SIMULATION	105630	2	12
BACHELOR'S THESIS *	105631		9
Elective course 3	See list below		4,5
Elective course 4	See list below		4,5
TOTAL			60

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Elective courses **	Code	Term	ECTS
ENVIRONMENT AND SOCIETY	105632	2	4,5
ENVIRONMENTAL EDUCATION	105633		4,5
ECONOMIC EVALUATION OF THE ENVIRONMENT	105634		4,5
ENVIRONMENTAL BIOTECHNOLOGY	105635		4,5
GEOLOGICAL RESOURCES AND NATURAL RISKS	105636		4,5
LANDSCAPE AND ENVIRONMENT	105637		4,5
ENVIRONMENTAL RADIOACTIVITY	105638		4,5
FOREST PROTECTION METHODS	105639		4,5
SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY	105640		4,5

ENVIRONMENTAL THEMATIC MAPPING	105641		4,5
INTERNSHIP *	105642		9

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** Subject to a minimum number of enrolled students