

Academic plan of study (Degree of Environmental Sciences)

First year

First semester

Course	Credits Type	
Biology (*)	6	Basic
Physics	9	Basic
Geology (*)	6	Basic
Mathematics	9	Basic

Second semester

Course	Credits Type	
Botany	6	Basic
Hydrology and hydrogeology (*)	6	Basic
Physical environment	6	Basic
Chemistry (*)	6	Basic
Zoology	6	Basic

Second year

First semester

Course	Credits Type	
Environmental management and legislation	6	Obligatory
Environmental Engineering bases	6	Obligatory
Edaphology	6	Obligatory
Statistics applied to the environment	6	Obligatory
Population, territory and environment	6	Obligatory

Second semester

Course	Credits Type	
Instrumental chemical analysis (*)	6	Obligatory
Natural resources and environment economy	6	Obligatory
Meteorology and climatology	6	Obligatory
Microbiology (*)	6	Obligatory
Systems of environmental information	6	Obligatory

Third year

First semester

Course	Credits Type	
Ecology I	6	Obligatory

Course	Credits Type	
Energy and environment	6	Obligatory
Soil and water pollution assessment (*)	6	Obligatory
Territorial planning	6	Obligatory
Public health and environmental toxicology	6	Obligatory

Second semester

Course	Credits Type	
Physical pollutions of the environment	6	Obligatory
Ecology II	6	Obligatory
Management and processing of waste and soils	6	Obligatory
Planning and management of the rural and urban environment	6	Obligatory
Treatment of liquid and gaseous effluents	6	Obligatory

Fourth year

First semester

Course	Credits Type	
Design and management of environmental projects (*)	6	Obligatory

Course	Credits Type	
Environmental impact assessment	6	Obligatory
Management and conservation of resources and biological risks	6	Obligatory
Management and conservation of resources and geological risks (**)	6	Obligatory
Optional 1	6	Optional

Second semester

Course	Credits Type	
Optional 2	6	Optional
Environmental rehabilitation and restoration	6	Obligatory
Environmental management systems	6	Obligatory
Degree final project	12	Obligatory

Optional subjects

Annual subjects

Course	Credits Type	
External practices, business management or entrepreneurship	6	Optional

First semester

Environmental education (**)	6	Optional
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Microbiology applied to the environment (*) 6 Optional

Second semester

Environmental chemistry 6 Optional

Techniques for analysing geological materials (*) 6 Optional

Foreign students are allowed, if included in their study contract, to take up to a maximum of 24 credits by performing some academically directed work. To see the rules that regulate this kind of activities, click [here](#).

(*) Courses with support in English.

(**) Courses taught in English.

For the syllabus of the courses in English or with support in English click [here](#).

For the syllabus of all courses click [here](#).