Bachelor's Degree in Environmental Sciences

Introduction to the degree

The main aim of this degree is to train future technical and scientific professionals in different areas such as scientific, technological, social, economical, juridical and environmental management so that they will be able to work for private and public companies, as well as in organizations related to the environment.

Internships

Internships are, in most cases, remunerated, have a duration of 500 hours (18 ECTS) and take place during the second semester in the 4th year. The international agreements the school has signed with other centres allow students to go on their internships abroad.

International mobility

There are many exchange agreements signed with other European countries (United Kingdom, Germany, Austria, Slovenia, Slovakia; Finland, France; Greece; Italy; Lithuania; Norway; Netherlands; Portugal; Poland; Czech Republic; Romania, Sweden and Turkey). You can also study in other countries around the world such as the USA, Brazil, Argentina, Bolivia, Canada, Japan, Australia, Costa Rica and Mexico.

Continuation of studies

With this degree, you will be able to access to:

- MD in Assessment and Environmental Monitoring of Marine and Coastal Ecosystems
- MD in Environmental Engineering
- MD in Hydraulic Engineering and Environment
- MD in Industrial and Environmental Safety
- MD in Aquaculture
- MD in Occupational Risk Prevention
- MD in Energy Technologies for Sustainable Development
- MD in Transportation, Land and Urban Development

Professional opportunities

Graduates in Environmental Sciences can work in different sectors, being responsible for the following activities:

- Environmental technologies and waste management, waste-water treatment, air pollution, soil decontamination, renewable energy, design of facilities and water supply.
- Technical assistance and environmental advice to companies and public administrations, environmental impact assessment studies for territorial and landscape planning.
- Development, implementation and maintenance of management systems for environmental quality in quality departments, and for environment care and prevention in companies and administrations. Environmental audits.
- Planning and sustainable development: management of protected natural areas, risk assessments and ecosystem restoration.
- Teach in secondary schools or in universities, as well as in environmental education centres.
- Research, development and innovation in companies and administrations.

Study at the UPV and be part of Spain’s best technological university according to the Shanghai ranking

Enjoy our huge campuses with spaces designed for you such as the Student Recreation House. You can do up to 70 sports in our facilities. You will find many services at your disposal: language classes, discounts in public transport, counselling, employability support…
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Credits for obtaining the degree

<table>
<thead>
<tr>
<th>Basic courses</th>
<th>Compulsory</th>
<th>Optional</th>
<th>Internship</th>
<th>TFG</th>
<th>Total</th>
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<tr>
<td>61.50</td>
<td>126.00</td>
<td>40.50</td>
<td>0.00</td>
<td>12.00</td>
<td>240.00</td>
</tr>
</tbody>
</table>

The subjects that you will be able to take

**Basic courses**
- Abiotic Environment
- Biodiversity
- Biology
- Chemistry
- Ecology
- Geology
- Mathematics
- Physics

**Compulsory courses**
- Air Pollution and Control
- Cartography, GIS and Remote Sensing
- Contaminant Transport Modelling
- Development and Management of Plans and Projects
- Environmental Assessment and Management
- Environmental Economics and Policy
- Environmental Law and Public Administration
- Environmental Restoration
- Fundamentals of Environmental Engineering
- Instrumental Analysis
- Land Use Planning
- Landscape and Hazards
- Management and Conservation of Biological Resources
- Materials and Energy Management
- Natural Areas Management and Rural Development
- Scientific English
- Society and Environment
- Soil Pollution and Waste Treatment
- Statistical and Simulation Tools
- Toxicology and Public Health
- Water Pollution and Treatment

**Elective courses**
- Academic English
- Adaptation to Climate Change in Ecosystems
- Advanced GIS Techniques
- Basic Technical German Course
- Coastal Planning and Management
- Creation and Management of Green Areas
- Entrepreneurship
- Environmental Education
- Fire control
- Groundwater Management in the Coastal Zone
- Intercultural Communication
- Marine Pollution
- Oceanography and Dynamics and Coastal Processes
- Reconocimiento Académico I - II - III - IV - V
- Renewable Energies
- River Rehabilitation and Restoration
- Sensors for Field Measurement
- Valencià Tècnic
- Wildlife Management