

## Environmental Upgrading Technologies and Energy Production

Master Degree – 120 ects

### Study cycle's objectives:

The aim of this second cycle studies in Environmental upgrading technologies and energy production is to form students from several engineering studies in the fields of environment, energy and, mainly, renewable energies. The students will receive a strong practical formation in context work, mainly with technical visits, lab works and real case studies.

This formation offers the opportunity to engineering graduates to continue and/or develop their studies in energy and environment.

### professional issues:

- *wastewater treatment stations*
- *residues upgrading stations*
- *conventional or renewable energy distribution and production enterprises*

Year	semester	Curricular Unit	ects
1	Winter	Energetic Context	6
1	Winter	Energy Rationalization and Efficiency	6
1	Winter	Integrated Management of Wastes and Environment	6
1	Winter	Waste and Residues Upgrading and Treatment Technologies	6
1	Winter	Bioenergy	6
1	Summer	Thermal and Photovoltaic Solar Systems	6
1	Summer	Eolic and Geothermal Systems	6
1	Summer	Hydric Systems	6
1	Summer	Hydrogen and Fuel Cells	6
1	Summer	Management and Project Evaluation	6
2	Winter.	Project / Internship	30
2	Summer	Project / Internship	30