

STUDY PLAN

Semester 1 - Instituto Superior Técnico (IST)		30 ECTS
<i>Semester</i>	<i>Courses</i>	<i>ECTS</i>
1a	Environmental Modelling	6
1a	Environmental and Natural Resource Economics	6
1b	Impact Assessment	6
1b	Air Quality Management and Climate Change	6
1	<i>Elective course*</i> - students may choose one of the following: Remote Sensing Machine Learning Decision Support Models	6

Semester 2 - Universitat Politècnica de València (UPV)		30 ECTS
<i>Semester</i>	<i>Courses</i>	<i>ECTS</i>
2	Surface and Groundwater Hydrological Modelling	6
2	Sustainability in Civil Engineering	6
2	Climate Change and Water Resources Planning and Management	6
2	Water Quality and Wastewater Treatment	6
2	Solid Waste Management and Soil Pollution	3
2	<i>Elective course*</i> - students may choose one of the following: Hydraulic Infrastructures Sustainable ports and marine transportation Climate change and coastal resilience Solar Photovoltaic Energy and Water Management	3

Semester 3 - University of Trento (UniTrento)		30 ECTS
Semester	Courses	ECTS
3	Engineering for International Sustainable Development: Methods	6
3	Nature-based Solutions for Urban Sustainability	6
3	Water and Sediment Management for Sustainable Development	6
3	Sustainable Sanitation and Waste Management	6
3	Elective course* - students may choose one of the following: Renewable Energies Applied Ecology Artificial Intelligence for Environmental Applications	6

Semester 4 - Master Thesis**		30 ECTS
Semester	Courses	ECTS
4	Engineering for International Sustainable Development: Project work	6
4	Master Dissertation	24

Total ECTS	120
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* The comprehensive list of elective courses students can choose from will be available at the hosting institution before the start of each semester and will be updated every year. The available options will not be limited to the suggested courses but can be extended to the other courses offered at the hosting Department or School.

** The fourth semester is mostly devoted to developing the Master's thesis, but an additional course is included that is aimed at supporting the work done for the thesis.