Syllabus
Behavioral and Digital Economics for Effective Management (BDEEM)

Course title	Environmental Economics
Teacher	Jihad ElNaboulsi
Shared course	☐ No X Yes, with M2 QAE
Hourly volume	18
Evaluation methods	Group essays and presentations
Course summary	This is a course about environmental economics, theory, and practice. It will make use of microeconomics and game theory principles at the intermediate level and will incorporate real-world case studies. After a brief survey of the various forms of market failure, we explore the rationale of public intervention in environmental regulation. To this end, a wide spectrum of policy instruments will be developed in class showing the costs and benefits of environmental regulation. Topics are illustrated with examples from real-world environmental issues. The course covers market-based instruments and informational tools to deal with various pollution topics, with a special focus on air and water pollution regulation, the costs of climate change, sustainable development, etc.
Skills	The course aims to provide students with a deep understanding of the many aspects of polluters' behaviors and the problems their decisions raise for environmental regulation. Upon successful completion of this course, students should be able to: • Use key economic concepts in environmental economics and the economic issues related to a large range of environmental problems. • Apply economic theory to model decisions that have impacts on the environment or resources. • Use their expertise in economics to analyze environmental issues from an efficiency standpoint and explore the welfare effects of different environmental regulation policy instruments. • Formulate the choices facing polluters and to assess the difficulties faced when attempting to regulate these decisions, with particular emphasis on situations with uncertainty and asymmetric information.