



# Polytechnic Institute of Viseu

## School of Technology and Management of Viseu

Course title	Sustainability and Environmental Management		
Scientific area	Environment and energy		
Teaching method	Projection of audio visual media Analysis of illustrative real situations, examples and application problems Internet research and other information available in the documentation services of the ESTGV Practical works Study tours		
Lecturers:	-	Language of instruction	English
ECTS	5	Semester	Spring
Hours per week	2	Hours per semester	26 TP
Objectives of the course	The objective of this course is to familiarize students with the main issues related to Sustainability and Environmental Management		
Entry requirements	Without requirements.		
Course contents	1 – Sustainable Development and Circular Economy; 2 – Environmental Chemistry 3 - Air Pollution, Air Quality and Climate Change; 4 – Waste and Soil Pollution; 5 – Water Management; 6 – Environmental Risks.		
Assessment methods	Exams Practical works Study tours		
Recommended readings	- James R. Mihelcic, Julie Beth Zimmerman, <u>Environmental engineering : Fundamentals, sustainability, design</u> , Hoboken, N.J. : John Wiley, cop. 2010 - P. Aarne Vesilind, Susan M. Morgan, <u>Introduction to environmental engineering</u> , Thomson, cop. 2004 - Sawyer, McCarty, Parkin, <u>Chemistry for Environmental Engineering</u> , Fourth edition, MacGraw Hill. ISBN: 0-07-054978-8, cop. 1994		
Additional information	-		