

Polytechnic Institute of Viseu

School of Technology and Management of Viseu

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| 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 | - | | |