

University of Puerto Rico
Mayagüez Campus
Dean of Academic Affairs
Course Syllabus
Off. Hrs. 7:30 –8 am LMV (S604, S201)

1. General Information:		
Alpha-numeric codification: INTD 3357 Course Title: Environmental Sustainability Number of credits: 3cr. Contact Period: 3 hours of lectures per week		
2. Course Description:		
English: Most relevant issues related to the science, goals, principles, and practical applications of sustainability from science/engineering, economic, policy, social and business perspectives.		
Evaluation: 12 quizzes (25.8%), 1 final task (10.3%), discussions (59.3%), intro (4.5%)		
3. Pre/Co-requisites and other requirements:		
None		
4. Course Objectives:		
At the end of this course, the students will have a comprehensive understanding of the multidisciplinary aspects involved in climate change science and its impacts. The course covers fundamentals of economics, atmosphere, energy and many other topics.		
5. Minimum or Required Resources Available:		
Regular access to the internet		
6. Course time frame and thematic outline		
	Outline	Contact Hours
1	Introduction to Sustainability (Human Footprint, World Population, Life Cycles, Planned Obsolescence)	3
2	Introduction to Climate Change and Global Warming	3
3	Conservation: Green Savings Intro	3
4	Energy: (Conservation, Renewable Sources, Energy Audits)	3
5	Green Transportation	3
6	Electronic-waste	4
7	Green Chemistry	4
8	Water and Sustainable Agriculture	4
9	Eating ecologically	4
10	Green Economy and Environmental Policy	5
11	Recycling, Reducing, Reusing	3
12	Social Consequences (war, migrations, disease, etc.)	3
	Quizzes, Presentations etc.	3
	Total hours: (equivalent to contact period)	45

**** Puede haber cambios en este prontuario. En ese caso, los cambios serán notificados a los estudiantes en clase o via email. Los estudiantes son responsables de conocer los cambios anunciados. ******