

<b>General Information</b>	
Academic subject	Resource and waste management
Degree course	Business Administration
Curriculum	
ECTS credits	6
Compulsory attendance	No
Language	English

<b>Subject teacher</b>	Name Surname	Mail address	SSD
	Vera Amicarelli	<a href="mailto:vera.amicarelli@uniba.it">vera.amicarelli@uniba.it</a>	SECS-P/13

<b>ECTS credits details</b>			
Basic teaching activities			

<b>Class schedule</b>	
Period	I semester
Year	2020-2021
Type of class	Lecture - workshops

<b>Time management</b>	
Hours	42
Hours of lectures	42
Tutorials and lab	

<b>Academic calendar</b>	
Class begins	September 2020
Class ends	

<b>Syllabus</b>	
Prerequisites/requirements	Prerequisites with General Accounting SECS-P/07
Expected learning outcomes	<p><i>Knowledge and understanding</i> The course aims to provide adequate knowledge and understanding at <i>Business Administration</i> first level degree, focusing first on main features of natural resources, their management, how and why they become waste and secondly, with a circular economy approach, different waste treatment alternatives will be analyzed.</p> <p><i>Applying knowledge and understanding</i> The transfer of <i>Resources and Waste Management</i> knowledge has to be oriented to the future professional approach to work, providing appropriate skills able to be used to plan and sustain arguments and solving problems related to the resource limitation improving waste management with a circular economy approach.</p> <p><i>Making informed judgements and choices</i> Students will gain adequate capacity to collect and interpret information and data necessary and useful to organize proper and independent assessments on issues concerning the mechanisms and interactions between resources and waste, how to transform waste into resource identifying the most efficient solutions to their sustainability.</p>

	<p><i>Communicating knowledge and understanding</i> The development of adequate capacity to communicate information and ideas as well as suitable problem-solving skills will be supported by the instrument of the interactive lesson and the organization of project work whose themes and methods of execution will be define time by time.</p> <p><i>Capacities to continue learning</i> Frontal and interactive lessons, workshops and project work together with home study will contribute to the development and improvement student capacity of learning with a high degree of autonomy.</p>
Contents	<p>Natural resource:</p> <ul style="list-style-type: none"> <li>- concept;</li> <li>- circulation and use (examples);</li> <li>- scarcity.</li> </ul> <p>Waste:</p> <ul style="list-style-type: none"> <li>- definition;</li> <li>- planning and regulatory framework;</li> <li>- treatment;</li> <li>- treatment risks;</li> <li>- prevention;</li> <li>- conversion into energy.</li> </ul> <p>Resource and Waste management towards sustainability</p> <p>Analytical tools as, material and substance flow analysis – (MFA and SFA), to quantify and qualify materials or substances flows and stocks in a well-defined system.</p>
Course program	
Bibliography	Study material is available at the DEMDI Commodity Science Library (I floor). Library referent dott.ssa Annapaola Scarano
Notes	//
Teaching methods	Lecture, project work and exercises
Assessment methods	Oral
Evaluation criteria (Explain for each expected learning outcome what a student has to know, or is able to do, and how many levels of achievement there are.	<p>The student must show:</p> <ul style="list-style-type: none"> <li>- Adequate knowledge related to various fields of eco-efficiency proposing managerial, technical and economic options useful to the better manage resources and waste;</li> <li>- Sufficient capacity for critical analysis and problem solving applied on different issues discussed;</li> <li>- Sufficient exposure capabilities of their own ideas and acquired skills.</li> </ul>
Further information	//