

General information	
Academic subject	Circular economy and policies
Degree course	International Master of Science in Innovation DEvelopment in Agrifood Systems - IDEAS
ECTS credits	6
Compulsory attendance	No
Teaching language	English

Subject teacher	Name Surname	Mail address
	Giacomo Giannoccaro	giacomo.giannoccaro@uniba.it

ECTS credits details	
	4 ECTS Lectures 2 ECTS Laboratory or filed classes

Class schedule	
Period	Second semester
Course year	Second
Type of class	Theoretical lecture and practical works at classroom

Time management	
Hours	150
In-class study hours	60
Out-of-class study hours	90

Academic calendar	
Class begins	1st March 2021
Class ends	11th June 2021

Syllabus	
Prerequisites/requirements	Basic knowledge of economics: demand and supply; market failure and externality.
Expected learning outcomes	<p>Knowledge and understanding</p> <ul style="list-style-type: none"> o. Knowledge of Circular Economy paradigm and innovation pathways. <p>Applying knowledge and understanding</p> <ul style="list-style-type: none"> o. Understanding ability of recognize production process, innovation pathways, organization and business model of agri-food firms <p>Making informed judgements and choices</p> <ul style="list-style-type: none"> o. Students will be able to identify, analyse and design strategies able to increase the firms' competitiveness in a green economy perspective. <p>Communicating knowledge and understanding</p> <ul style="list-style-type: none"> o. Ability to describe economic phenomena and the mechanisms underlying entrepreneurial choices and innovation process, using an appropriate technical language <p>Capacities to continue learning</p> <ul style="list-style-type: none"> o. Ability to go in-depth, to update the knowledge, to acquire data and information about the Circular Economy, innovations and policies in agri-food sector.
Contents	The course aims to provide knowledge and skills on the paradigm of Circular Economy (CE) applied to the agri-food

	<p>system. The role of policies and laws to foster the transition from linear to circular agri-food system would be also examined. The course will provide insights on the main evaluation methods to assess the impacts of different transition pathways, the analysis of innovation processes and the designing of circular business models in the agri-food chains.</p>
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Course program	
Reference books	<p>Ellen MacArthur Foundation (2019), Completing the Picture: How the Circular Economy Tackles Climate Change.</p> <p>EMF (Ellen MacArthur Foundation) (2012). Towards The Circular Economy, Report Vol. I - Economic and business rationale for an accelerated transition.</p> <p>Viaggi D. (2018), The Bioeconomy: Delivering Sustainable Green Growth, Cabi Publishing.</p>
Notes	Additional materials will be available during the lectures.
Teaching methods	Lectures will be presented through PC assisted tools (Power point, Adobe Acrobat, etc.), slide projector, readings from scientific journals. Living Laboratory and filed classes will be also carried out.
Evaluation methods	<p>For students enrolled in the year in which the lectures are given there will be a midterm test. This test is carried out in oral form on the topics developed during the lectures. The evaluation is expressed in thirtieth and the achievement of a minimum grade of 18/30 is needed. The mark of the midterm test contributes to the final evaluation of the exam, but only within one academic year.</p> <p>The final exam consists of case study dissertation in which candidate will analyse and design strategies able to trigger agri-food firms in a circular and innovative pathway.</p> <p>The evaluation of the student's preparation is done on the basis of established criteria, as detailed in Annex A of the Teaching Regulations of the Master Degree in Innovation development of agrifood systems- IDEAS.</p> <p>Test will be performed in English.</p>
Evaluation criteria	<p>Knowledge and understanding</p> <ul style="list-style-type: none"> o. Ability of clearly describing the basic principles of Circular Economy and innovation process in the agri-food sector. <p>Applying knowledge and understanding</p> <ul style="list-style-type: none"> o Ability of identifying, analyzing and designing strategies able to increase the firms' competitiveness in a green economy perspective. <p>Making informed judgements and choices</p> <ul style="list-style-type: none"> o. Ability to grasp elements leading to the enhancement of farm competitiveness and sustainability, fostering the innovation process in agro-food sector. <p>Communicating knowledge and understanding</p> <ul style="list-style-type: none"> o. Ability to describe agro-food innovation, and economic-related phenomena using fluently economic language.



	<p><i>Capacities to continue learning</i></p> <p>o. Apply the skills acquired to learn the evolution of agro-food market.</p>
Receiving times	<p>Wednesday and Thursday from 12.00 a.m. to 02.00 p.m. Please, book your appointment by e-mail.</p>