

CIRCULAR ECONOMY AND POLICES 2023-2024 ECONOMICS

General information	
Year of the course	<i>First</i>
Academic calendar (starting and ending date)	<i>From 4 March 2024 to 14 June 2024</i>
Credits (CFU/ETCS):	6
SSD	<i>Agr/01</i>
Language	<i>English</i>
Mode of attendance	<i>No compulsory attendance</i>

Professor/ Lecturer	
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Department and address	<i>Dipartimento di Scienze del Suolo, della Pianta e degli Alimenti Via G. Amendola 165/A Bari</i>
Virtual room	
Office Hours (and modalities: e.g., by appointment, on line, etc.)	Wednesday and Thursday from 12.00 a.m. to 02.00 p.m. Please, book your appointment by e-mail

Work schedule			
Hours			
Total	Lectures	Hands-on (laboratory, workshops, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
150	32	28	90
CFU/ETCS			
6	4	2	

Learning Objectives	<i>The course aims to provide knowledge and skills on the paradigm of Circular Economy (CE) applied to the agrifood system.</i>
Course prerequisites	<i>Basic knowledge of economics: demand and supply; market failure and externality.</i>

Teaching strategie	<i>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.</i>
Expected learning outcomes in terms of	
Knowledge and understanding on:	<ul style="list-style-type: none"> ○ Knowledge of Circular Economy paradigm and innovation pathways ○ Understanding the main barrier for the circular transition
Applying knowledge and understanding on:	<ul style="list-style-type: none"> ○ Understanding ability of recognizing production process, innovation pathways, organization and business model of agrifood firms
Soft skills	<ul style="list-style-type: none"> • <i>Making informed judgments and choices</i> <ul style="list-style-type: none"> ○ Students will be able to identify, analyse and design strategies able to increase the firms' competitiveness in a green economy perspective. • <i>Communicating knowledge and understanding</i> <ul style="list-style-type: none"> ○ Ability to describe economic phenomena and the mechanisms underlying entrepreneurial choices and innovation process, using an

	<p>appropriate technical language.</p> <ul style="list-style-type: none"> • <i>Capacities to continue learning</i> <ul style="list-style-type: none"> ○ Ability to go in-depth, to update the knowledge, to acquire data and information about the Circular Economy, innovations and policies in agrifood sector.
Syllabus	
Content knowledge	<i>The course provides 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 agrifood chains. The role of policies and laws to foster the transition from linear to circular agrifood system is also examined.</i>
Texts and readings	<i>Ellen MacArthur Foundation (2019), Completing the Picture: How the Circular Economy Tackles Climate Change. EMF (Ellen MacArthur Foundation) (2012). Towards The Circular Economy, Report Vol. 1 - Economic and business rationale for an accelerated transition. Viaggi D. (2018), The Bioeconomy: Delivering Sustainable Green Growth, Cabi Publishing.</i>
Notes, additional materials	<i>Additional materials will be made available during the lectures.</i>
Repository	

Assessment	
Assessment methods	<p><i>For students enrolled in the year in which the lectures are given there will be a midterm test. This test is carried out in written form on the topics developed during the lectures.</i></p> <p><i>The final exam consists of case study dissertation in which candidate will propose and design potential strategies able to trigger agrifood firms in a circular and innovative pathway. A real case study will be discussed.</i></p> <p><i>Test will be performed in English.</i></p>
Assessment criteria	<ul style="list-style-type: none"> • <i>Knowledge and understanding</i> <ul style="list-style-type: none"> ○ Ability of clearly describing the basic principles of Circular Economy and innovation process in the agrifood sector. • <i>Applying knowledge and understanding</i> <ul style="list-style-type: none"> ○ Ability of identifying, analyzing and designing strategies able to increase the firms' competitiveness in a green economy perspective. • <i>Autonomy of judgment</i> <ul style="list-style-type: none"> ○ Ability to grasp elements leading to the enhancement of farm competitiveness and sustainability, fostering the innovation process in agrifood sector. • <i>Communicating knowledge and understanding</i> <ul style="list-style-type: none"> ○ Ability to describe agrifood innovation, and economic-related phenomena using fluently economic language. • <i>Communication skills</i> <ul style="list-style-type: none"> ○ Ability to describe economic phenomena and the mechanisms underlying entrepreneurial choices, using an appropriate technical language. • <i>Capacities to continue learning</i> <ul style="list-style-type: none"> ○ Apply the skills acquired to learn the evolution of agrifood market.
Final exam and grading criteria	<p><i>The evaluation is expressed in thirtieths and possibly praise (lode). Passing the exam is subject to the achievement of a mark of at the least 18/30. For students who have taken the midterm test, the evaluation of the exam is expressed as an average between the mark reported to the midterm and the final exam.</i></p> <p><i>In the assignment of the final score, theoretical knowledge (50%), communication skills (20%), the ability to apply the knowledge (10%) and autonomy of judgment (10%) will be considered.</i></p>
Further information	