

General information	
Academic subject	<i>Circular economy and policies</i>
Degree course	<i>Innovation development in agrifood systems - IDEAS</i>
Academic Year	<i>2021-2022</i>
European Credit Transfer and Accumulation System (ECTS)	6
Language	<i>English</i>
Academic calendar (starting and ending date)	From 7th March 2022 to 18th June 2022
Attendance	<i>No compulsory</i>

Professor/ Lecturer	
Name and Surname	Giacomo GIANNOCARO
E-mail	giacomo.giannocaro@uniba.it
Telephone	+39 080 5442885
Department and address	<i>DISAAT Via Amendola 165/A Bari, 70126</i>
Virtual headquarters	https://www.uniba.it/ricerca/dipartimenti/disaat
Tutoring (time and day)	Wednesday and Thursday from 12.00 a.m. to 02.00 p.m. Please, book your appointment by e-mail.

Syllabus	
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>
Contents	<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>
Books and bibliography	<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>
Additional materials	<i>Additional materials will be made available during the lectures.</i>

Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
Hours			
150	<i>32</i>	<i>28</i>	<i>90</i>
ECTS			
<i>60</i>	<i>4</i>	<i>2</i>	
Teaching strategy			
<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			

Knowledge and understanding on:	<ul style="list-style-type: none"> ○ Knowledge of Circular Economy paradigm and innovation pathways
Applying knowledge and understanding on:	<ul style="list-style-type: none"> ○ Understanding ability of recognize 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 appropriate technical language • <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.
Assessment and feedback	
Methods of assessment	<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 oral/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>
Evaluation 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>Communication skills</i> <ul style="list-style-type: none"> ○ Ability to describe agrifood innovation, and economic-related phenomena using fluently economic language. • <i>Capacities to continue learning</i> <ul style="list-style-type: none"> ○ Apply the skills acquired to learn the evolution of agrofood market.
Criteria for assessment and attribution of the final mark	<p><i>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. The midterm score expires until the end of academic year.</i></p>
Additional information	