



COURSE DETAILS

"ECONOMICS OF FOOD SYSTEM" (I-Z)

SSD AGR/01 *

* In case of an integrated course, the SSD (scientific disciplinary sector) should be written above only if all modules of the course belong to the same SSD, otherwise the SSD is to be written alongside the MODULE (see below).

DEGREE PROGRAMME: FOOD SCIENCE

ACADEMIC YEAR 2021-2022

GENERAL INFORMATION – TEACHER REFERENCES

DOCENTE: FRANCESCO CARACCILO DI TORCHIAROLO

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GENERAL INFORMATION ABOUT THE COURSE

YEAR OF THE DEGREE PROGRAMME (I, II, III): I

SEMESTER (I, II): I

CFU: 9

REQUIRED PRELIMINARY COURSES (IF MENTIONED IN THE COURSE STRUCTURE “ORDINAMENTO”)

Passing of the educational debt's tests in Mathematics, Physics and Logic.

PREREQUISITES (IF APPLICABLE)

NONE

LEARNING GOALS

The objective of the course is to introduce the economic variables that characterize market supply and demand and the main macroeconomic indices, contextualizing them within the agri-food system. The course aims to provide students with the basic notions about the definition and functioning of the leading Italian agri-food chains, as well as the introductory notions about the elements that influence the decision-making process of both consumer and producer. Moreover, the main pillars of the macroeconomic theory will be illustrated.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The student must demonstrate knowledge and understanding of the issues relating to the consumer's preferences and behavior in the market as well as the conduct of the producer in a competitive context of the agri-food chain. The student must be able to analyze market trends in order to understand the dynamics of supply and demand of agri-food products as well as the role of the main macroeconomic aggregates

Applying knowledge and understanding

The student must have the ability to know how to apply knowledge in the many areas connected with the production and assessment of the quality of agri-food products and, in particular, to be able to understand and use the results of research and experimentation in the sector, expanding more and more her/his professional preparation for the purpose of solving problems in the management of the agri-food chain.

COURSE CONTENT/SYLLABUS

Part I - Microeconomics: consumer theory; The market: individual demand and market demand; The company and production technologies: cost, productivity and revenue curves, the supply function; distribution margins; the effect of innovation on the production function; Competitive market situations and monopoly. Social well-being and concepts of surplus. (3 CFU)

Part II - Macroeconomics: the macroeconomic indices; the added value; the banking system and money; the exchange rate and international trade. (3 CFU)

Part III - Sustainable food systems and circular economy. (1 CFU)

Part IV - The agri-food system: structures and organization of the agri-food supply chains; the types of innovative supply chains in the agri-food system. (1 CFU)

Part V - Quality: quality in the agri-food system; quality certifications; the management of quality processes in the agri-food company. (1 CFU)

READINGS/BIBLIOGRAPHY

Text: Principi di Economia Politica

Authors: Daron Acemoglu; David Laibson; John A. List - Second edition

Publisher: Pearson, 2020; ISBN: 9788891901071

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Lecture notes and other material made available on the professor's website (<http://docenti.unina.it>)

TEACHING METHODS

The professor will carry out: a) frontal lessons for about 80% of the total hours; b) exercises to practically deepen the theoretical aspects for 1 CFU.

The didactic material will be available online at the end of the theoretical reference lesson.

EXAMINATION/EVALUATION CRITERIA

a) Exam type:

Exam type	
written and oral	
only written	X
only oral	
project discussion	
other	

In case of a written exam, questions refer to: (*)	Multiple choice answers	X
	Open answers	
	Numerical exercises	

(*) multiple options are possible

b) Evaluation pattern:

Written exam with multiple choice answers		
<i>Number of questions</i>		30
<i>Typology</i>	Multiple choice	30
<i>Evaluation</i>	Score correct answer	1
	Score wrong answer	-0.5
	Score no answer	0
<i>Minimum score to pass the exam (%)</i>		60
<i>Average time for the written exam</i>		75 minutes

NOTE FROM THE PROFESSOR

At least 30 days must elapse between a failed exam and the student's admission to the next exam session.