

General Information	
Academic subject	Principles and methods of organic farming
Degree course	AGRO-ENVIRONMENTAL AND TERRITORIAL SCIENCES (LM-73, LM-69)
Curriculum	
ECTS credits	3 ECTS (2 ECTS Lectures + 1 ECTS Laboratory)
Compulsory attendance	No
Language	Italian

Subject teacher	Name Surname	Mail address	SSD
	Eugenio Cazzato	Eugenio.cazzato@uniba.it	AGR 02

ECTS credits details	Areas	SSD	Credits
Basic teaching activities	Agronomy	AGR 02	3

Class schedule	
Period	First semester
Year	Second year
Type of class	Lectures 2ECTS (16 hours) Laboratory and field classroom, working groups, study case, and transferring of stakeholders' experiences 1 ECT (14 hours) E-learning using public (eg Teams) platform can be used.

Time management	
Hours	75
In-class study hours	30
Out-of-class study hours	45

Academic calendar	
Class begins	September 28, 2020
Class ends	January 22, 2021

Syllabus	
Prerequisites/requirements	
Expected learning outcomes (according to Dublin Descriptors) (it is recommended that they are congruent with the learning outcomes contained in A4a, A4b, A4c tables of the SUA-CdS)	<p><i>Knowledge and understanding</i></p> <ul style="list-style-type: none"> ○ Knowledge of organic management of the main crops spread in the Mediterranean environment. ○ Knowledge of the relationship between plant and environment, aimed at the optimal agronomic management of crops. <p><i>Applying knowledge and understanding</i></p> <ul style="list-style-type: none"> ○ Apply the acquired principles to design environmentally friendly production areas. ○ Consolidate the link between environment and crops and protect traditional activities and local economies. <p><i>Making informed judgements and choices</i></p> <ul style="list-style-type: none"> ● Ability to analyze different situations in farms and planning appropriate actions for organic management of crops. <p><i>Communicating knowledge and understanding</i></p> <ul style="list-style-type: none"> ● Personal skills aimed at communication, multidisciplinary group work and judgmental skills both at technical and human level. <p><i>Capacities to continue learning</i></p>

	<ul style="list-style-type: none"> The expected learning capacities, in terms of knowledge and skills, are listed in Annex A of the Master Degree Course Regulations (expressed through the European Degree Program descriptions)
Contents	<p>Definition and history of organic farming. Definition and comparison of conventional and organic cropping systems. Environmental, economic and social organic farming. National and Community legislation. Main techniques of organic farming: fertility management, crop rotation, wild flora management, water management. The role of leguminous crops and cover crops in organic farming. Study Cases: Cultivation techniques in some of the most common cultures in the Mediterranean area. Farm experiences.</p>
Course program	
Bibliography	<ul style="list-style-type: none"> Notes of lectures distributed during the course.
Notes	
Teaching methods	Lectures will be presented through PC assisted tools (Powerpoint, Adobe Acrobat, etc.).
Assessment methods (indicate at least the type written, oral, other)	<p>The exam consists of an oral exam on the topics developed during the hours of lecture and theory and practice in the classroom and in the laboratory / production farms, as reported in the Academic Regulations for the Master Course of Agro-Environmental and Territorial Sciences and in the study plan (Annex A).</p> <p>The evaluation of the student's preparation is based on pre-established criteria, as detailed in Annex A of the Academic Regulations for the Degree Course of Agro-Environmental and Territorial Sciences Sustainable. For students who have stood the test of exemption, the examination of profit assessment is of thirty, and averaging the obtained votes.</p>
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>Knowledge and understanding</p> <ul style="list-style-type: none"> Ability to understand organic farming techniques <p>Applying knowledge and understanding</p> <ul style="list-style-type: none"> Being able to apply organic farming techniques. <p>Making informed judgements and choices</p> <ul style="list-style-type: none"> Be able to critically evaluate the different situations and plan efficient activities in the organic management of agricultural crops. <p>Communicating knowledge and understanding</p> <ul style="list-style-type: none"> Assessment of personal skills, aimed at communication, multidisciplinary group work and judgmental skills, both in the technical and the human and ethical level. <p>Capacities to continue learning</p> <ul style="list-style-type: none"> The assessment of the student's preparation is done on the basis of predefined criteria, as detailed in Annex A of the Master's Degree Course Code. For students who have supported the exemption test, the assessment of the profit test is expressed in thirtieth and averaging the votes obtained.
Further information	Visiting hours: every day from 09:30 to 10:30 in the teacher's room by appointment agreed by e-mail.