General Information						
Academic subject	Organic Chemistry					
Degree course	Bachelor programme: Food Science and Technology					
ECTS credits	3 ECTS	3 ECTS				
Compulsory attendance	No	No				
Teaching language	Italian					
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Subject teacher	Name Surname	Mail address	SSD			
	Roberto Terzano	roberto.terzano@uniba.it	AGR/13			
ECTS credits details	2 50701					
Basic teaching activities	2 ECTS Lectures 1 ECTS Laboratory classes					
Class schodula						
Class schedule Period	Leamenton					
Course year	I semester First					
Type of class	Lectures - Exercises					
Type of class	Lectures - Exercises	Lectures - Exercises				
Time management						
Hours	75					
In-class study hours	30					
Out-of-class study hours	45					
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Academic calendar						
Class begins	October 18, 2021					
Class ends	January 28, 2022					
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Syllabus						
Prerequisites/requirements						
Expected learning outcomes	Knowledge and understanding O Basic knowledge of the structure, properties and reactivity of the main classes of organic molecules of relevance in food science; understanding the relationship between chemical structure and reactivity useful to the interpretation of biological and technological processes of food transformation Applying knowledge and understanding					
	Ability to utilize chemical knowledge to understand and					
	apply correctly transformation, storage and distribution					
	procedures related to food and beverage					
	 Making informed judgements and choices Awareness and autonomy of judgment in using chemical knowledge in the subsequent courses 					
		Communicating knowledge and understanding				
	 Ability to name and describe the structure, properties and reactivity of the main classes of organic molecules of biological and food interest Capacities to continue learning Ability to deepen and update the knowledge about the chemical and chemical-physical processes in the agri-food sector 					
Contents	skills, are provided Degree in Food So European Descripto	The expected learning outcomes, in terms of both knowledge and skills, are provided in Annex A of the Academic Regulations of the Degree in Food Science and Technology (expressed through the European Descriptors of the qualification) Representing organic molecules; resonance structures.				
Contents	Luchiezenning organ	ne moiecules; resonance struc	tures.			

Course program Reference books • Lecture notes and teaching material made available during the
Reference hooks
 course W.H. Brown, T. Poon, Introduction to Organic Chemistry, 6th edition, John Wiley and Sons Inc.
Notes Teaching methods Course contents will be presented through PowerPoint, blackboard
and multimedia tools.
Evaluation methods The exam consists of an oral dissertation on the topics developed during the theoretical and theoretical-practical lectures in the classroom, as reported in the Academic Regulations for the Bachelor Degree in Food Science and Technology (article 9) and in the study plan (Annex A). Students attending the lectures may have a middle-term preliminary exam, consisting of a written test, relative to the first part of the program, which will concur to the final evaluation and will be considered valid for a year. The evaluation of the skills of the student occurs on the basis of established criteria, as detailed in Annex B of the Academic Regulations for the Bachelor Degree in Food Science and Technology. Non-Italian students may be examined in English language, according to the aforesaid procedures.
Evaluation criteria Knowledge and understanding Knowledge of the structure of the main classes of organic molecules and of their properties and reactivity Applying knowledge and understanding Understanding the basic principles of organic chemistry for applications in food science Making informed judgements and choices Making correct hypotheses on the products, energy and kinetics of chemical processes involving organic molecules Communicating knowledge and understanding Describing the structure and properties of the main organic molecules of biological and food relevance Capacities to continue learning Ability to understand phenomena related to the transformation and conservation of food
Receiving times Every day on appointment to be defined by e-mail.