



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	
<b>ACADEMIC YEAR</b>	
<b>ANNO ACCADEMICO EROGAZIONE</b>	
<b>SUBJECT</b>	
<b>CODE</b>	
<b>SCIENTIFIC SECTOR(S)</b>	
<b>HEAD PROFESSOR(S)</b>	DE PASQUALE Claudio      Professore Associato      Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>	
<b>CREDITS</b>	
<b>PROPAEDEUTICAL SUBJECTS</b>	
<b>MUTUALIZATION</b>	
<b>YEAR</b>	
<b>TERM (SEMESTER)</b>	
<b>ATTENDANCE</b>	
<b>EVALUATION</b>	
<b>TEACHER OFFICE HOURS</b>	<b>DE PASQUALE CLAUDIO</b> Monday 14:00 15:00 CORSO DI LAUREA IN VITICOLTURA ED ENOLOGIA Via Dante Alighieri, 120 - 91025 Marsala Laboratorio 2 Wednesday 10:00 11:00 Dipartimento SAAF, Palermo, Stanza 152

DOCENTE: Prof. CLAUDIO DE PASQUALE

<b>PREREQUISITES</b>	
<b>LEARNING OUTCOMES</b>	Knowledge concerns proper chemistry language and physical chemical properties of organic and inorganic matter. Chemical and physical transformation of molecules and their reaction in controlled environmental conditions are also investigated. Definition and expectation of qualitative and quantitative principles of inorganic chemistry.
<b>ASSESSMENT METHODS</b>	Knowledge concerns proper chemistry language and physical chemical properties of organic and inorganic matter (vote 18-21). Chemical and physical transformation of molecules and their reaction in controlled environmental conditions are also investigated(voto 22-25). Definition and expectation of qualitative and quantitative principles of inorganic and organic chemistry (voto 25-30L).
<b>EDUCATIONAL OBJECTIVES</b>	The educational objectives of teaching are modulate in order to obtain a proper use of chemistry with a specific concern about language and lows of physical chemical transformation to explain the interactions between organic and inorganic row material that are an important concern about biochemistry, soil chemistry environmental chemistry and plant physiology.
<b>TEACHING METHODS</b>	Lecturer and laboratory activities. The educational objectives of teaching are modulate in order to obtain a proper use of chemistry with a specific concern about language and lows of physical chemical transformation to explain the interactions between organic and inorganic row material that are an important concern about biochemistry, soil chemistry environmental chemistry and plant physiology.
<b>SUGGESTED BIBLIOGRAPHY</b>	Palmisano L., Schiavello M – ELEMENTI DI CHIMICA, Ed. EDISES; Bandoli ed altri - CHIMICA DI BASE, Ed. EDISES; Stoker – PRINCIPI DI CHIMICA, Ed EDISES- Schiavello M., Palmisano L.-Fondamenti di Chimica, Ed. EDISES

### SYLLABUS

Hrs	Frontal teaching
6	
10	
8	
10	
10	
Hrs	Practice
10	
Hrs	Workshops
10	Concentration and solution, titration, Analytical Instruments