

Chim/06 Attività formative di base

Academic year: 2015/2016

Faculty: Dipartimento di Biologia

Study courses: Laurea Triennale in Scienze della Natura

Study plans/Curricula: Classe L-32

Type: Attività formative di base

Total Credits: 6

Didactic Methods: Lezione frontale, esercitazioni numeriche ed di laboratorio

Didactic Period: Secondo semestre

Exam type: Orale

Professor in charge: Punzi Angela

Training objectives

Knowledge of the main classes of organic compounds; understanding of reaction mechanisms arising from specific functional groups; knowledge of the main classes of natural compounds.

Prerequisites

Basic concepts of Inorganic Chemistry.

Didactic Methods

Lectures, numerical exercises and laboratory experiences.

Course programme

PROGRAMME:

Lectures: (36 h)

1. Organic functional groups
2. Nomenclature of organic compounds
3. Reaction mechanisms
4. Natural compounds

Numerical applications (15 h)

Laboratory experiences (7.5 h)

Reference Texts

W. Brown & T. Poon, Introduzione alla Chimica Organica, quarta edizione EdiSES