



# UNIVERSITÀ DI PISA

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## INTRODUZIONE ALLA SINTESI ORGANICA

**LAURA ANTONELLA ARONICA**

Anno accademico 2017/18  
CdS CHIMICA  
Codice 097CC  
CFU 3

Moduli	Settore/i	Tipo	Ore	Docente/i
INTRODUZIONE ALLA SINTESI ORGANICA	CHIM/06	LEZIONI	24	LAURA ANTONELLA ARONICA

### Obiettivi di apprendimento

#### Conoscenze

At the end of the the course the student will be able to use a molecular model programme (ACD/CHEMSKETCH) with particular regard to the drawing of molecules structures, reactions, graphics and text. Moreover the student will demonstrate a solid knowledge of the main research programme such as Scopus, Chemspider and Scifinder. In particular he or she will acquire the ability to execute a research by different methodologies (research topic, chemical structure and reactions) and will be able to build and organize the synthetic path of a complex molecule using Sciplanner.

#### Prerequisiti (conoscenze iniziali)

Chimica Organica 1

#### Modalità d'esame

The exam will consist in the preparation of a report regarding the synthetic approach to a given polyfunctionalised molecule. She or he will have to use Scifinder to execute a retrosynthetic research and then describe in the report the scheme of the synthesis found in the literature analyzing the reaction mechanism for each synthetic step.

#### Pagina web del corso

<https://polo3.elearning.unipi.it/course/view.php?id=2725>

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