



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### NMR Spectroscopy of Molecular Inorganic and Organometallic Compounds (Curricular - Chemistry)

2021-94R-SCGA15

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#### Title

NMR spectroscopy of molecular Inorganic and Organometallic Compounds

#### Teacher(s)

prof. Roberto Della Pergola

#### Language

English (\_\_\_\_\_)

#### Short description

The course will focus on  $^1\text{H}$ ,  $^{13}\text{C}$  and other less common NMR active nuclei ( $^{31}\text{P}$ ,  $^{19}\text{F}$ ,  $^{15}\text{N}$ ,  $^{195}\text{Pt}$ ). It will also deal with band shape analysis, quadrupolar nuclei, paramagnetic compounds, hyperpolarization

Objectives of the lectures is to show which information can be obtained about the structures, the chemical behavior and the reactivity of inorganic compounds

**CFU / Hours**

1 CFU - 8 hours (Lecture)

**Teaching period**

II semester

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