

SC**CHIM2282 Compléments de RMN**

[22.5h+0h exercises] 2.5 credits

This course is taught in the 1st semester

Teacher(s): Jean-Louis Habib Jiwan, André Schanck
Language: french
Level: 2nd cycle course

Aims

This course's objective is to enlarge and deepen the basic notions acquired in RMN to allow the student to obtain and interpret spectres of different difficulties.

Main themes

- Principals of RMN spectre calculation
- RMN 1D multi pulsing (SEFT, APT, INEPT, DEPT)
- RMN 2D
 - a) homonuclear and heteronuclear correlations (COSY, etc.) through the links
 - b) correlation through space (NOE, NOESY, ROESY)
- Profound study of ^1H and ^{13}C RMN
- RMN of other nucleuses (^{19}F , ^{15}N , ^{31}P)
- Solid RMNs

Other credits in programs

CHIM22 Deuxième licence en sciences chimiques (2.5 credits)