

**CHIM2281 Complements of spectroscopy**

[22.5h] 2.5 credits

This course is taught in the 1st semester

**Teacher(s):** Jean-Louis Habib Jiwan  
**Language:** French  
**Level:** Second cycle

**Aims**

This course's objective is to enlarge and deepen the basic notions given in the 1st cycle course of molecular spectroscopy, in particular in the field of visible-UV spectroscopy, IR, Raman and mass spectroscopy.

**Main themes**

- complements of IR and visible-UV spectroscopy (absorption, emission) and associated time-resolved techniques
- complements of Raman spectroscopy
- complements of mass spectroscopy

**Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)**

Prerequisites: course CHIM1241 part B or equivalent.  
Students concerned: CHIM22.

**Other credits in programs**

**CHIM22** Deuxième licence en sciences chimiques