



CHIM2182 Quantum chemistry II

[22.5h+0h exercises] 2.5 credits

This course is taught in the 1st semester

Teacher(s): Daniel Peeters
Language: French
Level: Second cycle

Aims

This course aims to initiate the chemistry students to the most advanced notions of quantitative chemistry and to their application to problems encountered by chemists.

Main themes

Presentation of methods allow to reach the wave function of molecular states followed by their use to interpret a chemical phenomenon, for example in spectroscopy and theories of chemical reactivity.

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

Prerequisites: introduction to quantitative chemistry.

Evaluation: written examination.

Support: detailed plan of the course and reference books.

Other credits in programs

CHIM22 Deuxième licence en sciences chimiques