



CHM1352 Physical methods of chemistry

[+76h exercises] 4 credits

This course is not taught in 2005-2006

Language: French

Level: First cycle

Aims

The objectives of the course are to integrate and analyze in a critical way the acquisitions and treatments of experimental data necessary to study a chemical problem. Emphasis is put on the polyvalent character of techniques and methods used.

Main themes

The course contains a practical and theoretical formation to experimental methods of physical chemistry. The aspects treated are mainly :

- Thermodynamics in gas or condensed state
- Kinetics of chemical reactions
- Transport properties
- Electrochemistry
- Molecular properties