



CHIM2154 Chimie analytique II

[30h] 3 credits

Teacher(s): Yann Garcia (coord.), Paul Rouxhet
Language: French
Level: Second cycle

Aims

The goal is to extend the basic formation given in "Analytical Chemistry I" (CHIM 2151) to current instrumental methods of analysis. The philosophy and strategy of this course are identical to those described in CHIM 2151.

Main themes

The main topics of this course concern electrochemical and spectrochemical analysis, and separation methods. For each of these chapters, the theoretical bases of these methods are described and the important steps of their practical execution are underlined. This course will allow the student to obtain a professional behaviour towards the genesis of analytical information (instrumentation, protocols, performances, cautions).

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

Prerequisites: general chemistry (candidature), CHIM 2100 and CHIM2151 courses.

Evaluation:

Support: Skoog, West, Holler, Harris.

Programmes in which this activity is taught

BRAS3DS Diplôme d'études spécialisées en brasserie

Other credits in programs

CHIM21 Première licence en sciences chimiques

Mandatory