



# Faculté d'ingénierie biologique, agronomique et environnementale

## AGRO

### BIR1318 Analyse organique I : techniques de séparation

[30h+60h exercices] 5.5 credits

This course is taught in the 2nd semester

**Teacher(s):** Sonia Collin, Jacqueline Marchand  
**Language:** french  
**Level:** 1st cycle course

#### Aims

Acquiring knowledge, know-how and experimental practice of separation techniques and analytical methods (HSE, critical thinking, team work).

#### Main themes

Principles and practice of analytical chromatography  
 - basics and beyond  
 - contribution to organic analyses  
 - gas chromatography  
 - HPLC chromatography

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

- background : CHIM 1170 ....  
 - appraisal : exam  
 - individual homework including preparation and oral presentation of an analytical protocol  
 - optionalities : single course attendance or combined with seminars

#### Other credits in programs

<b>BIR21/C</b>	Première année du programme conduisant au grade de bio-ingénieur (Chimie)	(5.5 credits)	Mandatory
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