



## CHIM2321 Applied organic chemistry I

[22.5h+0h exercises] 2 credits

This course is not taught in 2006-2007

This course is taught in the 1st semester

Language: French

Level: Second cycle

### Aims

As a complement to the general organic chemistry, the applied course underlines the industrial point of view in organic synthesis. By this approach, the student will discover organic chemistry in a new context. He will recognize at the same time the relative importance of reactions as well as economic and ecologic criteria.

### Main themes

Synthesis and transformation of monomers will be treated; industrial solvent reactivities in carbo- and petrochemistry, organic chemistry techniques of fluorine and silicon as well as halohydrocarbons will be discussed.

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

Prerequisites: mean knowledge of general, organic and inorganic chemistry.

Evaluation: written examination (about 3 h).

Main support: book- K. Weissmerl, H.J. Arpe "Industrial Organic Chemistry", 2nd revised and extended edition, (Wiley)-VCH, ISBN 0-89573-861-9.

### Other credits in programs

CHIM22	Deuxième licence en sciences chimiques	(2 credits)
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