**Summary**
Familiarize the students with integrated process development and industrial technologies.

**Content**

**Optimization**

- Influence of process modifications
- Risk analysis introduction
- Optimum choice
- Development program definition
- Use of process simulation software
- Scale down & scale up

**Assessment methods**
Oral exam = 100% final grade
Examen oral = 100% de la note finale

**Resources**

**Ressources en bibliothèque**
- Ullmann's Encyclopedia of Industrial Chemistry

**Websites**
- http://scgc.epfl.ch/telechargement_cours_chimie