Summary
Development project of a real lab process to industrial scale.

Content
- Integrated process development of a simple process from lab to industrial scale.
- Production costs estimation.
- Feasibility study with respect to economic and EHS compliance.
- Safety concepts application.

Learning Outcomes
By the end of the course, the student must be able to:

Transversal skills
- Assess progress against the plan, and adapt the plan as appropriate.
- Set objectives and design an action plan to reach those objectives.

Resources
Ressources en bibliothèque
- Ullmann's Encyclopedia of Industrial Chemistry
- Systematic Methods of Chemical Process Design / Biegler
- Scale up in Chemical Engineering / Zlokarnik
- Process Development / Vogel

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