

CH-620

Efficient Synthetic Routes Towards Bioactive Molecules

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Cursus	Sem.	Type
Chemistry and Chemical Engineering		Obl.

Language of teaching	English
Credits	2
Session	
Exam	Multiple
Workload	60h
Hours	46
Courses	10
TP	36
Number of positions	

Frequency

Every year

Remark

Next time: Winter 2018

Summary

Natural Products, Disconnection approach, Synthetic efficiency

Content

The following topics will be mainly targeted by this lecture:

- The concept of synthetic strategy optimization
- Diversity oriented synthetic approaches
- Convergent and building block based synthetic tactics
- Differences in planning of process and discovery routes
- Application of modern sustainable and efficient catalytic methods in multi-step synthesis

Note**Block course****Next session 9+8+10.02.2017****Keywords**

Natural Products, Disconnection approach, Synthetic efficiency

Learning Prerequisites**Important concepts to start the course**

Master EPFL or Equivalent

"strong background in synthetic organic chemistry"