

CH-620

Efficient Synthetic Routes Towards Bioactive Molecules

Cramer Nicolai

| Cursus | Sem. | Type |
|------------------------------------|-------------|-------------|
| Chemistry and Chemical Engineering | | Obl. |

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|----------------------------|-----------|
| 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 2020 (Block)

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"