

MSE-655

## CCMX Advanced Course - Combining Structural & Analytical Investigations of Matter at the Micro-, Nano and Atomic Scale - (2019)

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Cursus	Sem.	Type
Materials Science and Engineering		Obl.

Language of teaching	English
Credits	2
Session	
Exam	Written
Workload	60h
<b>Hours</b>	<b>30</b>
Courses	18
Exercises	12
<b>Number of positions</b>	<b>40</b>

### Frequency

Every 2 years

### Summary

The course focuses on morphological and analytical structure research methods for materials science using electrons, photons and ions.

### Content

Please find information on the link below.

### Note

Course taking place at ETH Zurich on Campus Hönningerberg  
Anders Meibom (EPFL) also teaches this course

### Keywords

Atom Probe; EDX/ EELS; FE-SEM EDX/EBSD; FE-SEM EDX/WDX; SIMS; Mass spectroscopy

### Learning Prerequisites

#### Required courses

Degree in materials science, physics, chemistry

### Resources

#### Websites

- <http://www.ccmx.ch/news-amp-events/news-single/article/285/61/>