

MSE-470(a)

**Seminar series on advances in materials (autumn)**

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Cursus	Sem.	Type
Materials Science and Engineering		Obl.
Materials Science and Engineering	MA1, MA3	Opt.

Language of teaching	English
Credits	2
Session	Winter
Semester	Fall
Exam	Written
Workload	60h
Weeks	14
<b>Hours</b>	<b>2 weekly</b>
Courses	1 weekly
Exercises	1 weekly
<b>Number of positions</b>	

**Remark**

You are most welcome to follow the seminar series each semester. However, you can only obtain ECTS credit points during one single semester.

**Summary**

A series of seminars on selected current and emerging topics in Materials will be presented by experts.

**Content**

Up to 14 seminars will take place according to the programme indicated at the following link : <https://memento.epfl.ch/imx>

**Learning Outcomes**

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

- Interpret topics of recent research in materials science and engineering

**Transversal skills**

- Use a work methodology appropriate to the task.
- Communicate effectively with professionals from other disciplines.

**Teaching methods**

The course "Seminar series" will consist of 10-14 scientific talks per semester. Attendance of all of these talks is strongly recommended. The students are expected to take their own notes and do literature research concerning the background of the talks (presentation slides will not be distributed). Relevant research articles will be provided.

**Expected student activities**

Participation in class

Bibliographic research

Final exam is based on seminar content from 5-6 speakers and readings posted on moodle (2 articles per speaker)

**Assessment methods**

Written exam

### Supervision

Office hours	No
Assistants	No
Forum	No

### Resources

#### Moodle Link

- [https://go.epfl.ch/MSE-470\\_a](https://go.epfl.ch/MSE-470_a)