

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> |
| Lecture                    | 1 weekly        |
| Practical work             | 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).

**Expected student activities**

Participation in class  
 Bibliographic research

**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)