

COM-508

**Optional research project in Data Science**

Profs divers \*

| Cursus             | Sem.                  | Type |
|--------------------|-----------------------|------|
| Data Science       | MA1, MA2,<br>MA3, MA4 | Opt. |
| Data science minor | E, H                  | Opt. |

|                            |                     |
|----------------------------|---------------------|
| Language of teaching       | English             |
| Credits                    | 8                   |
| Session                    | Winter,<br>Summer   |
| Semester                   | Fall                |
| Exam                       | During the semester |
| Workload                   | 240h                |
| Weeks                      | 14                  |
| <b>Hours</b>               | <b>2 weekly</b>     |
| Project                    | 2 weekly            |
| <b>Number of positions</b> |                     |

**Remark**

for students doing a minor in Data science : Registration upon approval of the section. Only for 2nd year Master students. Supervision by an IC authorized professor

**Summary**

Individual research during the semester under the guidance of a professor or an assistant.

**Content**

Supervisor and subject to be chosen among the themes proposed on the web site : [go.epfl.ch/IC-projects-labs-DS](http://go.epfl.ch/IC-projects-labs-DS)

**Learning Outcomes**

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

- Organize a project
- Assess / Evaluate one's progress through the course of the project
- Present a project

**Transversal skills**

- Write a literature review which assesses the state of the art.
- Write a scientific or technical report.

**Teaching methods**

Individual and independant work, under the guidance of a professor or an assistant.

**Expected student activities**

Written report due within the allotted time.

Information on the format and the content of the report is provided by the proeject supervisor.

**Assessment methods**

Autumn : The written report must be returned to the laboratory no later than **the Friday of the second week** after the end of the classes.

Spring : The written report must be returned to the laboratory no later than **the Friday of the first week** after the end of the classes.

The oral presentation is organized by the laboratory.

## Resources

### Moodle Link

- <https://go.epfl.ch/COM-508>