**Remarque**

only one registration per student to a scientific thinking course. (pas donné en 2018-19)

**Summary**

In this course students will be exposed to the fields of regenerative medicine and molecular diagnostics with a specific focus on how scientific developments in these fields are translated to the market through the formation of start-up companies.

**Content**

**Learning Outcomes**

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

- Develop a project in the field of regenerative medicine or diagnostics

**Transversal skills**

- Demonstrate a capacity for creativity.
- Demonstrate the capacity for critical thinking
- Make an oral presentation.
- Write a scientific or technical report.

**Teaching methods**

The course will consist of one introductory lecture to the fields of regenerative medicine and diagnostics, followed by several presentations by representatives from early-, mid-, and late-stage startup companies.

During the first half of the semester students will form teams and develop project ideas for a potential start-up company. During the second half of the semester each team is expected to prepare a scientific project description, a business plan, and a patent disclosure. At the end of the course, each team will "pitch" their start-up company in an oral presentation given to the rest of the class.

**Assessment methods**

Grades will be based on the quality of the written report and the oral presentation.