

PLANT BIOTECHNOLOGIES

LEVEL: MASTER 1

PERIOD: SEMESTER 1

LANGUAGE: FR, WITH ENGLISH TRANSLATION

ECTS: 6

TEACHER/COORDINATOR: CAROLINE DEWEER



2020-2021

1-Main objectives

- › Improve knowledge on techniques and applications of biotechnologies in crop production
- › Investigate the presence of Septoria leaf blotch resistance genes on different varieties of wheat

2-Skills developed

- › To have a general outlook on plant biotechnology principals and application
- › Implementation of experiments integrating biotechnology techniques
- › Management of a mini-project in plant biotechnology (research, bibliography, presentation)

3-General content

Lectures, practicals, visits

- › Biotechnology application in micropropagation
- › Biotechnology applications to regenerate plants virus-free and in plant breeding (Protoplaste production, Androgyny, embryos culture)
- › Realizing a mini-project

4- Evaluation

Reports, oral defense in group