- Faculté des sciences
- www.unine.ch/sciences

Plant pathology (3BL2206)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en biologie	**Cours: 30 pg**	**Voir ci-dessous**	3

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

Période d'enseignement:

- Semestre Printemps

Equipe enseignante

Dr. Thomas Badet

Contenu

Latest advances in plant pathology and plant microbe interactions more generally. Course animated by student presentations of research papers illustrating the hot questions in the field. Presented challenges span environmental, mechanistic, evolutionary and translational questions, illustrating the links between plant pathogens, beneficial microbes and the abiotic environment.

Forme de l'évaluation

Continuous Assessment during the course (CA graded):

1- Each student will give a powerpoint presentation on a chosen research paper illustrating recent challenges in the field of plant microbe interactions (~15 min).

2- In addition, on the last day of the course, each student will present a research project they developed that attempts to answer one/multiple of the burning questions in the field of plant microbe interactions (~5 min).

3- Each presentation will be followed by a critical discussion, during which all students are expected to actively participate.

Retake attempt in case of failure or grade below 4 not compensated in module:

It will consist in a written summary (max. 2,000 words without references) of the research project they developed filling gaps in the field of plant microbe interactions. It must be registered at the next session and the delivery date must be coordinated with the professor (not in Pidex).

Documentation

Literature will be made available at the beginning of the course.

Pré-requis

Basic plant pathology

Forme de l'enseignement

Overview lectures and presentations of defined themes by the students.

Objectifs d'apprentissage

Au terme de la formation l'étudiant-e doit être capable de :

- Formulate links in the field of plant microbe interactions
- Associate plant diseases with environmental changes
- Formulate hypothesis

Compétences transférables

- Recommend possible solutions
- Communicate scientific facts in a gererally understandable manner
- Apply basic knowledge for practical solutions