

- Faculté des sciences
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### Plant population genetics and conservation (3BL2264)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en biologie</b>	<b>Cours: 30 ph</b>	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

PD Dr François Felber, Musée et Jardins botaniques cantonaux vaudois

#### Contenu

The course will address a range of aspects on plant population genetics and conservation.

In particular, the following topics will be questioned:

Conservation biology: patterns of biodiversity in the world, monitoring of biodiversity, Red Lists, List of National priority species, legislation, conservation genetics and perspectives of future of rare species in a context of global change.

Other topics: biology of invasive plants, gene flow, hybrid zones and risk assessment of genetically modify plants.

#### Forme de l'évaluation

Continuous evaluation graded will consist in writing an analysis of a scientific paper, and of several reports and presentation. In case of insufficient grade, possibility of corrections within 6 weeks after the official grade notification, to be validated at following exam session.

#### Documentation

This course does not need specific documentation but the student will be asked to search in existing literature

#### Pré-requis

Bachelor in any field of biology or related topics.

#### Forme de l'enseignement

courses, reading, presentation and redaction

URLs	1) <a href="https://scholar.google.fr/citations?hl=fr&amp;user=PFHsRFgAAAAJ&amp;view_op=list_works&amp;sortby=pubdate">https://scholar.google.fr/citations?hl=fr&amp;user=PFHsRFgAAAAJ&amp;view_op=list_works&amp;sortby=pubdate</a>
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