

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

Water supply and protection (3GH2209)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en hydrogéologie et géothermie	Cours: 28 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

D. Hunkeler and B. Valley

Contenu

This course covers the topic of water supply and protection and includes the following topics:

- water catchment and wells
- water treatment
- water supply and climate change
- water protection in the swiss legislation
- water vulnerability
- integrated water management

Forme de l'évaluation

CA graded. The knowledge will be evaluated at the end of the course by a written exercise (date to be defined).

Modalités de rattrapage

In case of failure, an oral examination will be arranged in consultation with the course responsible professors.

Documentation

Provided on the accompanying moodle site

Pré-requis

- Hydrological and hydrogeological processes
- Groundwater chemistry and microbiology

Forme de l'enseignement

Courses, exercises and excursions

Objectifs d'apprentissage

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

- Explain the concept of water supply and protection

Compétences transférables

- Present result of water supply and protection analyses