

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

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