

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

Water supply and water treatment (3GH2178)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en hydrogéologie et géothermie	Cours: 20 pg	Voir ci-dessous	2

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

Période d'enseignement:

- Semestre Printemps

Equipe enseignante

Dr. Landon Halloran

Contenu

Water supply:
Estimating demand,
Supply network design, &
Development of water resources for water supply.
Waste water treatment:
Processes used, &
Overview of design and operation of wastewater plants

Forme de l'évaluation

Written 2h exam during the last course. Second attempt: oral exam, organized by the professor in agreement with the student before the following exam session (not in Pidex).

Documentation

Slides on Moodle.

Pré-requis

Hydrogeology & hydrology course
Aquatic chemistry

Forme de l'enseignement

Theory and exercises during the lectures

Objectifs d'apprentissage

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

- Analyse Data
- Interpret Data
- Decide between methods

Compétences transférables

- Apply knowledge to new situations
- Decision making
- Generate new ideas (creativity)
- Manage a project