

- 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	contrôle continu: 1	2

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

Période d'enseignement:

- Semestre Printemps

Equipe enseignante:

Philip Brunner

Objectifs:

In this course the engineering basics for water supply and water treatment are discussed

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:

CA graded, First attempt 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:

Handouts of slides
solutions to exercises

Pré-requis:

Hydrogeology & hydrology course
Aquatic chemistry

Forme de l'enseignement:

Theory and exercises during the lectures