

- Faculté des sciences
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**Water resource management in semi-arid/arid regions and in humanitarian contexts (3GH2184)**

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en hydrogéologie et géothermie (*)</b>	<b>Cours: 20 pg</b>	<b>controle continu: 1</b>	4

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

**Période d'enseignement:**

- Semestre Automne

**Equipe enseignante:**

E. Milnes, P. Brunner

**Objectifs:**

This course identifies the specificities of hydrogeology in arid areas with a special focus on the humanitarian contexts

**Contenu:**

- Challenges of groundwater use in arid areas
- large-scale assessments and groundwater exploration/drilling with particular emphasis on bottlenecks between hydrogeology and management
- small-scale operational recurrent topics of groundwater management in humanitarian contexts

**Forme de l'évaluation:**

CA graded, First attempt written (1hours) exam during the last course. Second attempt oral (15 min) organized by the professor in agreement with the student before the following exam session (not in Pidex)

**Documentation:**

Handouts of slides will be provided

**Pré-requis:**

Introduction to hydrogeology

**Forme de l'enseignement:**

Theory and corresponding exercises are presented and solved during the course

(\*) Cette matière est combinée avec d'autres matières pour l'évaluation