

- Faculté des sciences
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### Scientific method and communication (3GH2204)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en hydrogéologie et géothermie</b>	<b>Cours: 28 pg</b>	Voir ci-dessous	3

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

#### Période d'enseignement:

- Semestre Automne

#### Equipe enseignante

Dr. L. Halloran  
Prof. S. Miller

#### Contenu

Goals:

- Acquire proficiency in reporting scientific information in various formats
- Understand how to report scientific content with
  - o Proper structure
  - o Sound logic and effective sentence/paragraph structure
  - o Critiquing and being critiqued

Topics

- Present and describe the main types of scientific output
  - o Poster
  - o Oral Presentation
  - o Journal Article
  - o Review Essay
  - o Opinion Paper
  - o Grant Applications
  - o MSc., Ph.D. theses
  - o Response to Reviewers
  - o Cover Letters
  - o Effective Figures
  - o Technical Reports

#### Forme de l'évaluation

Writings, presentations, and critiques of other students' writings.

#### Forme de l'enseignement

- Formal teaching
- writing sessions,
- presentations,
- peer assessment and feedback,
  - o in groups and individually

Reading published scientific material and, by means of various writing and peer assessment exercises, gain expertise in producing your own scientific output. Work performed individually and in groups to read, write, and assess own and others' work.