



SC2910

## Methodology of research in Science Education

[15h] 2 credits

**Teacher(s):** Cécile Vander Borgh  
**Language:** French  
**Level:** Second cycle

### Aims

Introduction to research on teaching methods in science

### Main themes

The nature of research in science teaching methods, its potential, its limits, and its procedures will be presented, with a view to transferring the results to teaching practice. This involves learning how to be a critical reader of scientific publications in the fields of educational studies and of research into teaching methods in science, and developing research skills. Optional seminar in which exercises and applications, or even a case study, will be carried out both collectively and individually.

**Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)**

Optional seminar. Obligatory if the student is producing a dissertation on teaching methods.

### Programmes in which this activity is taught

**SC2A** Agrégation de l'enseignement secondaire supérieur (sciences exactes)

### Other credits in programs

**SC2A/G** Agrégation de l'enseignement secondaire supérieur (Géographie) (Géographie)  
**SC2A/M** Agrégation de l'enseignement secondaire supérieur (2 credits) (Mathématique) (Mathématique)  
**SC2A/P** Agrégation de l'enseignement secondaire supérieur (Physique) (Physique)  
**SC2A/S** Agrégation de l'enseignement secondaire supérieur (Sciences naturelles) (Sciences naturelles)