

- Faculté des sciences
- [www.unine.ch/sciences](http://www.unine.ch/sciences)

### Seminar Natural Language Processing (3IN2050)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en informatique</b>	<b>Cours: 2 ph</b>	<b>contrôle continu: 1</b>	5

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

#### Période d'enseignement:

- Semestre Automne

#### Equipe enseignante:

Jacques Savoy

#### Objectifs:

This seminar on Natural Language Processing (NLP) will follow the following objectives:

1. Conduct your own research (on a limited amount of data) based on one / few scientific papers
2. Able to read / interpret scientific paper(s)
3. Go beyond a simple implementation by
  - Implement correctly a given algorithm
  - Test it
  - Understand its weakness
  - Analyse its behavior
  - Evaluate its performance (comparative basis, statistical tests)
  - and to discover the limit(s) of the proposed model

#### Contenu:

See the website [mcs.unibnf.ch](http://mcs.unibnf.ch)

#### Forme de l'évaluation:

All students are working with the same corpus (data).

Evaluation on two aspects: oral presentation (PowerPoint) and written report

1. Presentation 40%

P1 (15%): The question to be solved

P2 (25%): Your results / evaluations / analysis

2. Report 60%

Question / state of the art / your solution / your analysis / Your program

#### Documentation:

See the website [mcs.unibnf.ch](http://mcs.unibnf.ch)

#### Pré-requis:

See the website [mcs.unibnf.ch](http://mcs.unibnf.ch)

#### Forme de l'enseignement:

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