

- Faculté des lettres et sciences humaines
- www.unine.ch/lettres

Seminar 1: Language and Computer (2AN1134)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Pilier principal B A - langue et littérature anglaises	Séminaire: 2 ph	Voir ci-dessous	5
Pilier secondaire B A - langue et littérature anglaises	Séminaire: 2 ph	Voir ci-dessous	5

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

Période d'enseignement:

- Semestre Printemps

Equipe enseignante:

Prof. Jacques Savoy

Objectifs:

This course is composed on both a theoretical and practical parts. The main objective is to provide a relatively broad overview of various statistical models and approaches that can be applied to understand or discover the language patterns or to analyze their evolutions.

Contenu:

This course offers an introduction to a quantitative analysis of the language. We will present different methods and models that can be applied to obtain a quantitative view of different linguistic patterns. An introduction to the R software will be given as well as the use of two statistical tests (t-test and chi-square test). Authorship attribution questions (stylometry) will be covered more deeply with examples.

Forme de l'évaluation:

The evaluation is mainly based on a written exam (120 min.) done during the last lecture (and not organised by the Faculty). The course includes homework assignments. Each week (or two weeks), students (alone or in duo) must provide answers to exercises. One point (over 5) is given for the practical part, four points for the written exam. The rattrapage will be a written exam.

Documentation:

Slides, exercises and corpora (or texts) will be available on an electronic basis.

Pré-requis:

No prior knowledge of statistics or programming is required

Forme de l'enseignement:

Explanation and examples are provided during lectures.