

- Faculté des sciences économiques
- www.unine.ch/seco

Introduction to data management and statistical software (5ME2001)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en méthodologie d'enquête et d'opinion publique (avant 2015)	Cours: 2 ph	écrit: 2 h	3

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

Période d'enseignement:

- Semestre Automne

Equipe enseignante:

Dr. Lionel Qualité
Institut de Statistique
Rue A.-L. Breguet 2,
CH - 2000 Neuchâtel
Phone office +41 32 718 14 38 - email : lionel.qualite@unine.ch

Objectifs:

Students acquire the capacity to conduct basic statistical analysis and to write simple programs using SAS and R softwares.

Contenu:

Procedures for descriptive statistics, random number generation, statistical inference and tests, simple and multiple regression, general linear model, logistic regression, time series analysis. Basic programming skills.

Forme de l'évaluation:

E : 2-hour written test during the end-of-semester examination session.

Reexamination session (August-September) : 2h written test

Documentation:

Documentation for the SAS software is available on www.sas.com

Pré-requis:

Statistical notions involved will match those studied in the course "Statistical Analysis for Survey Research"

Forme de l'enseignement:

- 3 ECTS credits
- Compulsory course for master in public opinion and survey methodology
- Autumn Semester
- Course: 2 hours