Data processing, spatialization and modeling

Niveau d'étude
BAC +5

Composante
UFR Sciences
Vie Terre
Environnement

Présentation

Description

English communicating skills and data science competences are becoming central to all research fields including Geosciences. Data science employs a variety of instruments, scientific procedures, methods, and algorithms to glean insights from both structured and unstructured data. Practical in English will be a cross disciplinary theme of this Master 2 degree with oral and written reports alongside on-site training, literature summary and sedimentology and Palaeontology lectures. The data science practical will focus on probability and statistics, programming languages, data visualization and data structures.

Program UE2 : TD/TP

English for Geosciences (writing, oral, interview training, literature summary, abstract writing, reporting) -

Data sciences (probability and statistical processing and visualization of data using R and Python, spatialization of data using GIS software, data management) –

Objectifs

Mastering written and oral communication in English in the field of Geosciences.

Speaking spontaneously about one’s academic background and professional objectives.

Analyzing and interpreting scientific data using statistical and geographical information software.

Knowing how to build, manipulate and operate a database.

Heures d'enseignement

TP	Travaux Pratiques	22h

Modalités de contrôle des connaissances

Évaluation initiale / Session principale - Épreuves

Type d'évaluation	Nature de l'épreuve	Durée (en minutes)	Nombre d'épreuves	Coefficient de l'épreuve	Note éliminatoire de l'épreuve	Remarques
CC (contrôle continu)	CC : Ecrit et/ou Oral			0.5		

Infos pratiques

Campus

› Campus de Dijon