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

Distributed Systems (3IN2036)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en informatique	**Cours: 2 ph** **Exercice: 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 Automne

Equipe enseignante

Dr Valerio Schiavoni

Contenu

The principal objective of the course is to provide the student the essential knowledge for understanding the principles of distributed systems. The course presents the fundamental concepts of distributed architectures, systems as well as algorithmic and programming challenges. The course combines lectures with three practical projects that are integral part of course. These projects focus on three aspects : understanding distributed algorithms and execution, programming in a distributed environment, and scalability resp. performance analysis.

Forme de l'évaluation

written 2 hours

Documentation

given during the course, see also Ilias : https://ilias.unibe.ch/goto_ilias3_unibe_crs_1531275.html

Forme de l'enseignement

Course: 2 wh, Exercices: 2 wh

URLs	1) https://ilias.unibe.ch and http:// mcs.unibnf.ch