

Introduction to logic

ECTS : 3

Volume horaire : 30

Description du contenu de l'enseignement :

- Valid and sound arguments
- Represent information in symbolic forms (propositional and predicate logic)
- Propositional logic:
 - syntax and semantics
 - truth tables
 - axiomatic proof
 - tableaux
 - derivations
 - SAT
- Predicate logic:
 - syntax and semantics
 - axiomatic proof
 - tableaux

Compétence à acquérir :

This course provides an introduction to formal logic. You will develop an understanding of symbolic logic and of different proof techniques.

No prerequisite is required.