**Goals of the book**

* learn a new language: language of **first-order logic (FOL)**
* learn about the notion of **logical consequence**

**Language of first-order logic**

* not spoken
* universal language and *lingua franca* of the symbolic sciences
* aka
  + lower predicate calculus
  + functional calculus
  + FOL
* prototypical example of an **artificial language** (contrast with natural languages)