

**160 Philosophical logic**

Science of reasoning

Including logic operators, negation, truth tables

Class here informal logic, syllogistic logic, term logic; formal logic, propositional calculus (sentential calculus), predicate calculus; first-order logic; critical thinking; axioms, modality, predication, propositions

Class psychology of reasoning and problem solving in 153.43; class linguistic presupposition, implication, entailment in 401.454; class formal logic, propositional calculus (sentential calculus), predicate calculus, first-order logic, logic operators, truth tables from the perspective of symbolic (mathematical) logic; interdisciplinary works on logic in 511.3