



LOGIC

Logic is behind thinking in every domain of Sciences and Humanities. When considering, for example, biological sciences dealing, most of times, with complex systems, logic thinking is essential to formulate and/or confirm any hypothesis. Logic thinking enables the analysis of a situation, a phenomenon or reactions to formulate hypothesis that may be proved or denied, to find a solution or to make a rational conclusion on how to proceed. Besides of biological sciences, logic thinking may help in understanding complex social environments, providing guidelines to succeed in daily decisions in a global world we are living facing a lot of challenges. According to Avicenna, *“logic is a tool that guarantees a certain precision in scientific reasoning and even safeguards science against the introduction of hidden assumptions and formal fallacies”*.

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