

Certificate in Logic and Strategic Decision Making

The certificate program in Logic and Strategic Decision Making is a four-course curriculum offered by the Philosophy Department, to be earned in conjunction with an ordinary degree, which trains students in general-application skills for reasoning, argumentation, and strategy with the help of formal tools. The certificate program is a unique opportunity to gain certified competency in the formal components of a rigorous philosophy curriculum. Ideal students for this certificate are STEM majors aspiring to the professional level of project manager or above in science sector industries, business, education, health science, and agriculture students interested in growth and leadership roles, and pre-law students interested in politics.

Requirements

A certificate consists of at least 12 credits; at least 12 credits must be taken in MU course work. Students must meet the minimum GPA requirements for a certificate, which in no case can be lower than 2.0. In addition, a student cannot receive a grade lower than a C- in any course applied towards a certificate in the College. For more information, please see Requirements for an Optional Certificate (<https://catalog.missouri.edu/collegeofartsandscience/#requirementsforanoptionalcertificate>).

PHIL 1200	How to Think: Logic and Reasoning for Everyday Life	3
or PHIL 1200H	How to Think: Logic and Reasoning for Everyday Life - Honors	
PHIL 2600	Game Theory and Rational Decisions	3
or ECONOM 4340	Introduction to Game Theory	
PHIL 2700	Elementary Logic	3
PHIL 4110	Advanced Logic	3
or PHIL 4130	Living with Uncertainty: An Introduction to Probability and Inductive Logic	

Note: students who elect to take ECONOM 4340 to fulfill the certificate must take a second additional course in philosophy. Natural choices for many of the students interested in this certificate include PHIL 4120, PHIL 4150, PHIL 4210, PHIL 4300, PHIL 4400, PHIL 4420, and PHIL 4430.

Students pursuing this certificate are explicitly encouraged to consider any single additional 3000- or 4000- level course in the Philosophy Department to additionally satisfy requirements for a minor in philosophy.