

ANALYTICAL REASONING, CERTIFICATE

(Code 400-602)

For advising, contact the Philosophy and Religious Studies Department.

The Analytical Reasoning Certificate is for students in a variety of majors and minors, especially for students interested in a career in the law, as well as for students who are interested in Philosophy but for whom a philosophy major or minor might be impractical. The Analytical Reasoning Certificate is a natural complement to any program of study outside of Philosophy.

Code	Title	Credits
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Students will complete a minimum of 15 credits, using the guidelines below, and write a reflection essay upon completion of the courses.

At least one of the following courses, but no more than two may be taken:

PHIL 150	Logic and Critical Thinking	
PHIL 250	Symbolic Logic	
MATH 246	Elementary Statistics	

Remaining credits from other PHIL courses, with at least six credits at the 300-level or above

With advisor approval the following may be applied to the certificate:

Up to three credits from Independent Study or Directed Studies courses		
Additional relevant courses		

NOTE: Courses applied to the certificate cannot be applied to the student's major. Students cannot pursue the Philosophy Major and Analytical Reasoning Certificate to meet graduation requirements for completing a first and second degree program.

Program Learning Outcomes

Students completing this program will be expected to meet the following learning outcomes:

- Employ the tools of formal and informal logic to identify, construct, analyze, evaluate, and respond to arguments.
- Analyze ethical, social, and cultural issues with objectivity and open-mindedness
- Clearly articulate ideas and arguments in writing and speech.
- Engage in self-reflection and achieve greater self-understanding, exhibiting openness to alternative possibilities and conceptual frameworks