

## MINOR IN LOGIC

The minor in logic incorporates material from several disciplines outside of philosophy, including mathematics, computer science, linguistics, and anthropology. Students in the minor build a foundation in essential philosophical concepts such as scientific argument, fallacies of reasoning, proofs, mathematical logic, axiomatic set theory, and computational complexity.

Visit the program website (<https://philosophy.columbian.gwu.edu/minors/>) for more information.

## ADMISSIONS

For more information on the admission process, please visit the Office of Undergraduate Admissions website (<https://undergraduate.admissions.gwu.edu/>). Applications may be submitted via the Common Application (<https://go.gwu.edu/commonapp/>).

Supporting documents not submitted online should be mailed to:  
Office of Undergraduate Admissions  
The George Washington University  
800 21st Street NW, Suite 100  
Washington DC 20052

Contact for questions:  
[gwadm@gwu.edu](mailto:gwadm@gwu.edu) or 202-994-6040

## REQUIREMENTS

The following requirements must be fulfilled: 18 credits in elective courses.

| Code   | Title                              | Credits |
|--|------------------------------------|---------|
| <b>Required</b>  |                                    |         |
| One course (3 credits) from the following:                                       |                                    |         |
| PHIL 2045  | Introduction to Logic              |         |
| PHIL 3121  | Symbolic Logic                     |         |
| One course (3 credits) from the following:                                       |                                    |         |
| MATH 3710  | Introduction to Mathematical Logic |         |
| MATH 3720  | Axiomatic Set Theory               |         |
| MATH 3730  | Computability Theory               |         |
| MATH 3740  | Computational Complexity           |         |
| Four additional courses (12 credits) from the lists above or from the following: |                                    |         |
| CSCI 1112  | Algorithms and Data Structures     |         |
| CSCI 3313  | Foundations of Computing           |         |

No more than two courses may count toward both the student's major and the minor in logic.