

# Logic and Methodology (16LOGM)

## Description

The Minor in Logic and Methodology is designed to expose students to the most technical areas of philosophy (logic, philosophy of language, philosophy of science). These subjects underlie such fields as cognitive science, computer science, and bio-informatics (including knowledge engineering and data-mining). It is a highly desirable minor because it reveals to employers, graduate schools and professional schools a willingness to engage in theoretical reasoning needed in these fields.

## Requirements

A maximum of TWO (2) course may be used (double-counted) towards both departmental major requirements and minor requirements.

Students must complete five 3 hour courses, as follows:

A: LOG 335 Symbolic Logic (prerequisite LOG 201 or MA 225)

B: One of the following:

- A 3-credit LOG 4\*\* course
- PHI 331

C: One of the following courses in philosophy of science:

- PHI 340 Philosophy of Science
- PHI 440 The Scientific Method

D: Two additional courses from the following:

- Any 3 hour LOG course (LOG 201, LOG 4\*\*)
- PHI 331 Philosophy of Language
- PHI 333 Knowledge and Skepticism
- PHI 340 Philosophy of Science
- PHI 347 Neuroscience and Philosophy (3 cr)
- PHI 440 The Scientific Method
- PHI 447 Philosophy, Evolution, and Human Nature

## Admissions and Certification of Minor

A grade of C- or better will be required for all courses taken to fulfill the minor requirements. The minor must be completed no later than the semester in which the student expects to graduate from his or her degree program. Paperwork for certification must be completed no later than the end of the regular registration period one semester prior to the semester of graduation.

The coordinator of advising will ascertain whether the requirements of the minor have been fulfilled. The department will determine whether courses that have been transferred from other institutions qualify for its minors. No more than two courses from other institutions may count toward the minor.

## Contact Persons

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***Effective Date: 6/2009***

***SIS Code: 16LOGM***