

Master's in Logic, Computation, and Methodology (course-based)

The LCM MS offers unique opportunities for study in areas where the department has distinguished formal research strengths—the same research areas that are open to PhD candidates. It is well suited for students who are looking to enhance their training in selected areas of formal philosophy, in order either to pursue a vocation outside of academia or to prepare for further graduate study in analytic philosophy, cognitive psychology, computer science, mathematics, or statistics. The course-based option is intended for students who do not wish to continue in academia

CORE (2 COURSES)

- Core Seminar I & II are required in year 1 for all students with no exceptions.

FORMAL METHODS (1 COURSE)

- 2 Formal Methods Minis (FMM)
 - Excluding Tools & Techniques.
 - One of these must be Classical Logic unless another course in the Logic category is taken to satisfy a requirement below.
 - All FMMs must be completed within the first 3 semesters.

SPECIALIZATION (3 COURSES)

- 3 graduate level courses in the area of specialization (including courses from Mathematics, Computer Science, Statistics, Machine Learning, etc.).
- At least 1 of these courses must be in Philosophy.

TARGET FIELD BREADTH (3 COURSES)

- 3 graduate level courses in the target field but *outside* the area of specialization (again including courses from Mathematics, Computer Science, Statistics, Machine Learning, etc.)
- These courses must be sufficiently different from one another to provide breadth in the target field.
- One of these course requirements can be satisfied through one or more internships, subject to advisor and DGS approval.

PHILOSOPHY BREADTH (3 COURSES)

- 3 graduate courses in Philosophy
- At least 1 of these courses must be outside the area of specialization.

Notes

- This is 12 courses in total. No course may be used to satisfy more than one requirement.
- No more than 2 directed readings may be used to satisfy non-elective requirements.
- All courses must be approved each year by a “topic advisor” for use in the individual categories. This is to ensure that the breadth courses are truly broad and that the target field makes sense.
- Students who secure permission to enter the thesis-based track must produce a MASTER’S THESIS; in this case coursework requirements are reduced by 2 Philosophy Breadth.