

# LOGIC AND PHILOSOPHY

*Logic offerings at California State University San Bernardino have depth and breadth rare at undergraduate institutions in the United States. Courses range from the introductory level to topics including set theory, soundness and adequacy of the predicate calculus, and the incompleteness of arithmetic with corresponding results for computability. This material is foundational to disciplines as diverse as philosophy, mathematics and computer science. Not only that, but it comes recommended by the instructors (and Plato) as “good for the soul.”*

The minor in philosophical logic presents an opportunity to develop a robust background in logic that would position the student not only for application of logical notions in disciplines such as philosophy, mathematics and computer science, but also for further logical studies, both at the graduate level, and as an independent learner. The logic minor consists of the courses listed below.

## **MINOR IN PHILOSOPHICAL LOGIC**

**Eighteen (18) Units**

**Core Requirements:** Nine (9) units as follows

PHIL 2100	Critical Thinking through Symbolic Logic
PHIL 3100	Predicate Logic
PHIL 3560	Philosophy of Logic and Mathematics

**Advanced Issues:** Three (3) units from

PHIL 4100	Advanced Issues in Logic
-----------	--------------------------

**Elective Requirements:** Six (6) units from

PHIL 3110	Alternative Logic: Non-Classical Logic
PHIL 3110	Alternative Logic: Inductive Logic
PHIL 4100	Advanced Issues in Logic