

# Major in Philosophy and Physics

To major in Philosophy and Physics, a student takes a series of thirteen courses as outlined below. Students must earn a minimum grade of C in courses taken toward the major.

Prerequisites:

- MA 123: Calculus I
- MA 124: Calculus II
- PY 251: Principles of Physics I
- PY 252: Principles of Physics II
- Any 100-level Philosophy Course

Requirements:

- MA 225: Multivariate Calculus
- PY 354: Modern Physics
- PY 355: Methods of Theoretical Physics
- PY 405: Electromagnetic Fields and Waves I
- PY 406: Electromagnetic Fields and Waves II
- PY 408: Intermediate Mechanics
- PY 451: Quantum Physics I
- PY 452: Quantum Physics II
- PH 300: History of Ancient Philosophy
- PH 310: History of Modern Philosophy
- PH 270: Philosophy of Science or  
PH 487: Topics in the Philosophy of Science
- Any one of the following:  
PH 360: Symbolic Logic      PH 467: Mathematical Logic      or  
PH 468: Philosophical Problems of Logic and Mathematics
- PH 470 (Philosophy of Physics) or a Directed Study in Philosophy