

# III. PHILOSOPHY

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## Guidelines for Mathematical Sciences Courses

There is no specific math course required for the Philosophy major. Familiarity with digital technology is increasingly important for students in the humanities with new developments in the digital humanities majors. Students interested in pursuing digital applications in the humanities should consider taking courses in CIS. The introductory CIS courses to consider include:

**CIS 171 Problem Solving with Computers** focuses on using computers and software to create reports, images, spreadsheets, web pages, and databases.

**CIS 180 Introduction to Computer and Information Science** covers both technical and social aspects of computing, including privacy, security, reliability, and ethics.

**CIS 181 Introduction to Computer Programming** in Python is the introductory programming course for both majors and non-majors.

For students interested in math, we recommend students enroll in MATH 101, MATH 102, or MATH 107 in their first year, unless they have had a pre-calculus course; then they should consider MATH 108. Statistical literacy is another important area of mathematical study, and STAT269 is a course that gives a good introduction to statistical methods and meets the General Education requirement.

### Students with Advanced Placement credit:

Requirements for courses in mathematical sciences can be met through Advanced Placement exam credit. Students who have taken AP exams in calculus, computer science, or statistics should go to the math department’s website ([www.messiah.edu/departments/mathsci/courses/ap\\_credit.html](http://www.messiah.edu/departments/mathsci/courses/ap_credit.html)) to find out how credit is awarded for your scores.