## 2004/2005 Undergraduate Bulletin:

Mathematics Skills—Proficiency test administered by the Science Division in mathematics or completion of three credits in mathematics.

## 2014 Undergraduate Catalog:

Mathematics Skills—The mathematics general education requirementsare:

• MATH 101 or at least Level 3 on the Mathematics Assessment.

• Completion of one MATH course beyond MATH 101, or completion of PHIL 120. The MATH course counts as one of the required science general education courses; PHIL 120 counts as one of the required humanities general education courses.

Quantitative Reasoning—Completion of one course beyond the mathematics/PHIL 120 requirement designated “Quantitative Reasoning” (QR). QR courses expect students to (a) use simple mathematical methods from arithmetic, algebra, geometry, or statistics to solve problems; (b) determine if numerical results are reasonable; (c) recognize the limitations of the methods they have been taught to use; and (d) interpret, make inferences, and draw conclusions from data presented in tabular or graphical form. These goals are a central focus, and emphasis on quantitative reasoning is sustained throughout the required course. QR courses are structured so that the emphasis is on students doing the reasoning. The students’ work in these courses takes the form of problem sets, projects, computer programs, field research, lab reports, and similar assignments, and involves a process of growth through opportunities to correct/revise assignments.