Standards for Quantitative Work
Hamilton expects that every student will demonstrate facility in quantitative and symbolic reasoning by completing one or more courses in at least one of the following three categories:

1. Statistical Analysis. The use of statistical analysis to describe data and to make inferences.
2. Mathematical Representation. The use of mathematical models such as those based on graphs, equations and geometric objects to represent patterns, relationships and forms.
3. Logic and Symbolic Reasoning. The use of formal logic or symbolic reasoning such as in the following examples: the proper construction of a computer program or a formal proof; the analysis of language in linguistics; or the study of music theory.

Courses across the curriculum that fulfill this requirement are described as Quantitative and Symbolic Reasoning courses under the Courses of Instruction. They are also listed online in Web Advisor and in the printed course schedule booklet distributed before each registration period. The College offers tutoring in the area of quantitative and symbolic reasoning through the Quantitative and Symbolic Reasoning (QSR) Center and the Peer Tutoring Program. This requirement should be fulfilled by the end of the second year at Hamilton.