

## **2. Verbal and Quantitative Reasoning**

*Objective:* Students will demonstrate the ability to reason quantitatively and to use formal systems to solve problems of quantitative relationships involving numbers, formal symbols, patterns, data and graphs.

The Verbal and Quantitative Reasoning requirement is designed to enhance the capacity of students to:

- Pose problems that involve quantitative relationships in real-world data by means of numerical, symbolic, and visual representations;
- Solve problems, deducing consequences, formulating alternatives, and making predictions;
- Apply appropriate technologies to solving problems; and
- Communicate and critique quantitative arguments orally and in writing.