

## Additional Topics for Integration into the Core Curriculum Courses

### *Mathematics*

**Surveys:** Issues related to survey samples, accuracy, and guidelines for statistical validity.

**Displaying and Reporting Findings:** Issues related to

- Averages and sample sizes;
- Norm and criterion referencing;
- Misuse of statistics

**Statistics:** Issues related to

- Fairness in salaries between genders;
- Fairness in death penalty executions;
- Fairness in race:

**Social Responsibilities:** Issues related to

- Research;
- Grant work;
- Professional responsibilities.

**Short and Long Term Consequences:** Students can graph out a cost analysis to issues related to

- Why are you making this choice now?
- How will it affect you in the long term?
- If you go for the benefits now, will you be able to face the costs later?
- Consider the consequences of your choices. Are you making choices that impact others the way that you would want to be affected?



Academic  
Technologies