**Perspectives in Quantitative Literacy and Social Science (WSU 2380)**

Syllabus

Credits: 3-6

**Course Description**: This course will address ...

**Text**:

**Grading**:

**Student Learning Outcomes**:

This general education course will meet the learning outcomes for Quantitative Literacy and Social Science. Specifically a quantitatively literate person should be able to:

1. Interpret mathematical models such as formulas, graphs, tables, and schematics, and draw inferences from them.
2. Represent mathematical information symbolically, visually, numerically, and verbally.
3. Use arithmetical, algebraic, geometric, and statistical methods to solve problems.
4. Estimate and check answers to mathematical problems in order to determine reasonableness, identify alternatives, and select optimal results.
5. Recognize that mathematical and statistical methods have limits.

A students also will demonstrate an understanding of the following three outcomes:  
Interactions between individuals and society  
Students will describe how individuals and groups influence and are influenced by social contexts, institutions, physical environments and/or global process.  
Application of concepts, theories, and methods  
Students will apply basic social science concepts, theories, and/or methods to a particular issue and identify factors that influence change.  
Diverse perspectives  
Students will identify an argument about a social phenomenon and understand alternative explanations.