Recommended QSSS Courses for a Decision Science Major

Please note that this is not an exhaustive list of all courses required for the decision science major. It is designed to show how the QSSS courses fit within a decision science major, and to be used as a tool to use as a starting point when working with your academic advisor for course scheduling and planning. Please consult the Undergraduate Catalog for a full list of degree requirements. Many of the courses may be taken at times other than those listed.

**Recommended First Year Courses**
- 88-122 Introduction to Game Theory
- 21-120/2 Calculus Sequence
- 21-256/9 Calculus Sequence
- 36-201 Statistical Reasoning and Practice
- 76-101 Interpretation and Argument
- 79-104 Global Histories
- 88-120 Reason, Passion, and Cognition
- 36-202 Statistical Methods
- 99-101/2 Computing @ Carnegie Mellon

**Recommended QSSS Sophomore Year Courses**
- 88-220 Policy Analysis I
- 88-221 Policy Analysis II
- 36-225 Introduction to Probability Theory
- 36-226 Introduction to Statistical Inference
- 88-251 Empirical Research Methods

**Recommended QSSS Junior Year Courses**
- 80-405 Game Theory
- 88-223 Decision Analysis and Decision Support Systems
- 21-240 Matrix Algebra with Applications
- 88-252 Causal Inference in the Field
- 36-315 or 36-350 or 36-46x Statistical Graphics and Visualization or Statistical Computing or Special Topics

**Recommended QSSS Senior Year Courses**
- Honors Thesis Part 1
- Honors Thesis Part 2
- Senior Thesis Seminar Part 1
- Senior Thesis Seminar Part 2
- 36-401 Modern Regression

**QSSS Category**
- Freshman Seminar
- Regression Analysis
- Foundation Courses
- Advanced Quantitative Methods
- Social Science Modeling
- Senior Thesis Project
- Non-QSSS Freshmen Courses