Program in Quantitative Social Science

Minor planning worksheet

The minor in Quantitative Social Science consists of nine courses to be selected as follows.

Five prerequisites:

1. Programming: either COSC 1 or ENGS 20. __________________________ Term: _____
2. Intermediate calculus: MATH 8. Term: __________
3. Mathematical modeling: either GOV 18, MATH 36, QSS 30.04, or ECON 21 (or other course, approved by the QSS Chair). __________________________ Term: _____
4. Introductory statistics: either ECON 10, ENVS 10, GOV 10, MATH 10, QSS 15, PSYC 10, or SOCY 10. __________________________ Term: _____
5. Intermediate statistics: either ECON 20, GOV 19.01, MATH 40, MATH 50, or QSS 45. __________________________ Term: _____

Three required courses to be selected from:

- COSC 74 Machine Learning and Statistical Data Analysis
- GEOG 50 Introduction to Geographical Information Systems
- GEOG 54 Geovisualization
- MATH 70 Elements of Multivariate Statistics and Statistical Learning
- QSS 17 Data Visualization
- QSS 30 Elective course, various topics
- QSS 41 Analysis of Social Networks

(1) __________________________ Term: _______
(2) __________________________ Term: _______
(3) __________________________ Term: _______

With permission from the QSS chair, students may substitute other courses for courses on this list. In addition, the elective course QSS 30 may be taken multiple times.

Research seminar: QSS 80 Term: ______________

More details on QSS can be found at http://qss.dartmouth.edu and students should email qss@dartmouth.edu with questions about the program. 02/2017