

Program in Quantitative Social Science

Minor planning worksheet

Name _____

Graduation year _____

Dart ID _____

Date _____

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 another 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 54. _____ Term: _____

Core curriculum

QSS 17, Data Visualization _____ Term: _____

QSS 20, Modern Statistical Computing _____ Term: _____

Two courses to be selected from the following list

COSC 74, Machine Learning and Statistical Data Analysis

GEOG 9.01 (GOEG 50) Introduction to Geographical Information Systems

GEOG 54, Geovisualization

MATH 70, Elements of Multivariate Statistics and Statistical Learning

QSS 30, Elective course, various topics

QSS 41, Analysis of Social Networks

(1) _____ Term: _____

(2) _____ 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 requirement

QSS 82 (typically offered once a year, in winter term)