

Name: _____

UNI: _____

Entered Program: _____

Expected Graduation: _____

Full-time students are expected to complete the program in 2 semesters of coursework. **Part-time students** are expected to complete the program in 4-5 semesters of coursework. If you want to spend additional time at Columbia, please contact QMSS program staff to discuss your academic plan.

Thirty (30) points minimum are required for the degree. Students must maintain a 3.0 or above average and complete the equivalence of 2 full Residence Units.

| Course Requirements | Points | Semester/Year |
|--|--------|----------------|
| A. QMSS GR5010: Theory and Methodology | 4 | Fall |
| B. QMSS GR5021: Research Seminar | 2 | Fall |
| QMSS GR5022: Research Seminar | 2 | Spring |
| C. STAT W5701: Probability and Statistics | 3 | Fall |
| D. CSOR W4246: Algorithms for Data Science | 3 | Fall |
| E. Exploratory Data Analysis & Visualization (STAT GR5702 or QMSS GR5063) | 3 or 4 | Fall or Spring |
| F. COMS W4721: Machine Learning for Data Science | 3 | Spring |
| G. Elective course | _____ | _____ |
| H. Elective course | _____ | _____ |
| I. QMSS GR5999: Master's Thesis NOTE: This MUST be taken during your <i>last</i> semester in the program. | 3 or 4 | _____ |

Thesis Title: _____

Advisor (if applicable): _____