

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

In addition to the curricular requirements below, all QMSS students must also satisfy the following graduation requirements...

- Complete a minimum of 30 graduate course credits
- Maintain a 3.0 or above average GPA.
- Complete the equivalence of two full Residence Units (in increments of ¼, ½, and/or 1)
- [Apply to graduate](#) by the deadline for the appropriate semester.

First Semester: _____

Last Semester: _____

Course Title	Points	Semester
QMSS GR5010: Theory and Methodology	4	<u>Fall or Spring</u> _____
QMSS GR5021: Research Seminar	2	<u>Fall or Spring</u> _____
QMSS GR5022: Research Seminar II (<i>must be after GR5021</i>)	2	<u>Fall or Spring</u> _____
STAT W5701: Probability and Statistics (<i>replaces GR5015</i>)	3	<u>Fall or Spring</u> _____
CSOR W4246: Algorithms for Data Science	3	<u>Fall B or Summer A</u> _____
COMS W4721: Machine Learning for Data Science	3	<u>Spring</u> _____
Data Visualization (STAT GR5702 or QMSS GR5063)	3 or 4 ____	<u>Fall or Spring</u> _____
Elective course _____	1 to 4 ____	_____
Elective course _____	1 to 4 ____	_____
QMSS GR5999: Master's Thesis (<i>must be taken during last semester in program</i>)	3 or 4 ____	_____

Total Points:

(*must equal 30+*)

Thesis Advisor Name : _____

NOTES:

Advisor Title: _____

Advisor Dept : _____

Semester 1 : _____ Residence Unit : _____ RU Credit/Class Cap : _____

Course Dept. & Number:	Course Name	Points:

RU Count: _____ Total Points: _____

Semester 2 : _____ Residence Unit : _____ RU Credit/Class Cap : _____

Course Dept. & Number:	Course Name	Points:

RU Count: _____ Total Points: _____

Semester 3 : _____ Residence Unit : _____ RU Credit/Class Cap : _____

Course Dept. & Number:	Course Name	Points:

RU Count: _____ Total Points: _____

Semester 4 : _____ Residence Unit : _____ RU Credit/Class Cap : _____

Course Dept. & Number:	Course Name	Points:

RU Count: _____ Total Points: _____

Semester 5 : _____ Residence Unit : _____ RU Credit/Class Cap : _____

Course Dept. & Number:	Course Name	Points:

RU Count: _____ Total Points: _____

Semester 6 : _____ Residence Unit : _____ RU Credit/Class Cap : _____

Course Dept. & Number:	Course Name	Points:

RU Count: _____ Total Points: _____

Semester 7 : _____ Residence Unit : _____ RU Credit/Class Cap : _____

Course Dept. & Number:	Course Name	Points:

RU Count: _____ Total Points: _____

Semester 8 : _____ Residence Unit : _____ RU Credit/Class Cap : _____

Course Dept. & Number:	Course Name	Points:

RU Count: _____ Total Points: _____