Student Name: ___________________________  Graduation Date: __________

**GRADUATE SCHOOL REQUIREMENTS:**

- Rutgers Cumulative GPA of 3.0 or better
- No more than 3 C's or C+ in courses counting towards MSMF
- Completed 10 approved courses
- Completed 2 semesters of Math 16:642:630 successfully
- Master Essay completed by deadline through Math 16.643.623, 624, 625, 626, 627, 628 (with B or better)
- Completed Graduation & Diploma Application
- No more than 12 credit hours of transfer work and only after 12 credit hours at Rutgers have been completed with a grade of B or better

**6 REQUIRED COURSES:**

- Math 16.643.621 *Math Finance I*
- Math 16.643.622 *Math Finance II*
- Econ 16.220.507 *Econometric I*
- Econ 16:220:508 *Econometrics I*
- Math 16.643.573 *Numerical Analysis I*
- Math 16.643.574 *Numerical Analysis II*

**STRONGLY RECOMMENDED ELECTIVE:**

- ECE 16.332.503 *Programming Finance (Fall)*

**CHOOSE 1 OR MORE OF THE FOLLOWING ELECTIVES:**

- Math 16.643.623 *Computational Finance (Spring)*
- Math 16.643.624 *Credit Risk Modeling (Fall, odd years)*
- Math 16.643.625 *Portfolio Theory & Applications (Fall)*
- Math 16.643.626 *Fixed Income Securities & Deriv. Modeling*
- Math 16.643.627 *High-Freq. Finance & Stochastic Control (Fall, even years)*
- Math 16.643.628 *Topics in Math Finance: Quantitative Risk Modeling*
- Math 16.643.611 *Topics in Applied Mathematics: Variational Inequalities, Obstacle and Free Boundary Problems in Mathematical Finance*
- Math 16.643.632 *Topics: Mathematical Finance in Industry (No Final Project in this Course)*
ADDITIONAL ELECTIVES:

_____ STAT 16.960.567 Applied Multivariate Analysis

_____ STAT 16.960.583 Methods of Statistical Inference

_____ STAT 16.960.588 Data Mining

_____ ECE 14.332.566 Intro. to Parallel & Distributed Programming

_____ ECE 14.332.566 Software Engineering I

INTERNSHIPS:

Yes or No  Part time or Full-Time  Company Name & Location

Position: __________________________  Duties: __________________________________________

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SEMINAR IN MATHEMATICAL FINANCE:

Obtained Satisfactory grades for each of the following two semesters in Math 16:643:630

_____ = _______________________Semester  _____ = _______________________Semester

Director approved substitutions: ________________________________________

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Student Signature: __________________________

Rutgers ID #: __________________________