

Name \_\_\_\_\_ Student ID \_\_\_\_\_ Phone \_\_\_\_\_  
 Address \_\_\_\_\_ City/State/Zip \_\_\_\_\_

**Program Requirements**

**Analytical Mathematical Modeling Courses (9 credits)**

	Semester Hrs.	Grade	Anticipated Completion Date
ACM 610 Continuous Foundations of Applied Math from a Problem Solving Perspective (1)	_____	_____	_____
ACM 611 Discrete Foundations of Applied Math from a Problem Solving Perspective (1)	_____	_____	_____
ACM 612 Intro to Computational Tools of Applied Math from a Problem Solving Perspective (1)	_____	_____	_____
ACM 620 Optimization of Discrete Models (1)	_____	_____	_____
ACM 621 Empirical Model Building (1)	_____	_____	_____
ACM 622 Modeling Change with Dynamical Systems (1)	_____	_____	_____
ACM 630 Numerical Linear Algebra (1)	_____	_____	_____
ACM 631 Eigenvalue Problems (1)	_____	_____	_____
ACM 632 Numerical Calculus (1)	_____	_____	_____

**Statistical Data Analysis Courses (9 credits)**

ACM 640 Regression and Correlation (1)	_____	_____	_____
ACM 641 Design and Analysis of Experiments (1)	_____	_____	_____
ACM 642 Nonparametric Tests (1)	_____	_____	_____
ACM 650 Random Walks and Brownian Motion (1)	_____	_____	_____
ACM 651 Markov Chains (1)	_____	_____	_____
ACM 652 Continuous-time Stochastic Processes (1)	_____	_____	_____
ACM 660 Logistic Regression (1)	_____	_____	_____
ACM 661 Survival Analysis (1)	_____	_____	_____
ACM 662 Time Series Analysis (1)	_____	_____	_____

**PLUS Courses (9 credits)**

\* Select one 3 credit class from each area below:

**Business Communication**

COM 519 Communication for Managers and Leaders (3)	_____	_____	_____
COM 610 Strategic Public Relations (3)	_____	_____	_____

**Project Management**

ECO 660 Cost-Benefit Analysis (3)	_____	_____	_____
MET 620 Managing Engineering Projects (3)	_____	_____	_____

**Operations Management**

EDF 688 Leadership in Organizations (3)	_____	_____	_____
EDF 715 Management Practices and Techniques (3)	_____	_____	_____
INT 602 Operations Management (3)	_____	_____	_____

**Project (3 credits)**

ACM 690 Master's Project (3)	_____	_____	_____
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**Minimum Program Requirements (30 credits)**

Date	Candidate	Signature
Date	Principal Advisor	Signature
Date	Chair	Signature
Date	Dean of School of Natural and Social Sciences	Signature