COLLEGE OF LIBERAL ARTS & SCIENCES

Master of Science

APPLIED MATHEMATICS & COMPUTER SCIENCE

Total Credits Required: 36

Degree Requirements for those entering the program prior to January 2006

NAME:	ID#:	DATE:
Address:	Tel:	Email:

A. **Deficiency Requirements for Provisional Admittance**

Computer Science Deficiencies		Mathematics Deficiencies	
C101/A504 Programming I (C++)	:_____	M208 / M215 Calculus I	:_____
C201/A506 Programming II (C++)	:_____	M209 / M216 Calculus II	:_____
C243/A594 Data Structures	:_____	M301 / Linear Algebra	:_____
C335/ A593 Computer Structures	:_____	M365 or M463/M466 - Probability/Statistics	:_____

B. **CORE (12 Credits) Select a concentration**

Computer Science Majors		Applied Mathematics Majors	
B503 - Algorithms Design & Analysis	:_____	M562 - Statistical Design of Experiments	:_____
B538 - Networks & Distrib. Computing	:_____	M571 - Analysis of Numerical Methods	:_____
B561 - Advanced Database Concepts	:_____	M576 - Forecasting	:_____
B581 - Advanced Computer Graphics	:_____	M575 - Simulation Modeling	:_____

C. **COMPLEMENTARY DISCIPLINE (9 Credits)**

Computer Science Majors		Applied Mathematics Majors	
M575 - Simulation Modeling	:_____	B503 - Algorithm Design & Analysis	:_____
_____	:_____	_____	:_____
_____	:_____	_____	:_____

D. **ADDITIONAL COURSES IN THE AREA OF CONCENTRATION (9 to 12 Credits)**

_____	:_____
_____	:_____
_____	:_____
_____	:_____

E. **THESIS OR PROJECT (3 to 6 Credits)**

Thesis or Project Title:	
Graduate Advisor:	
Committee Member:	
Committee Member:	