A M S C

Scientific Computation - Ph.D. Study Advisory Plan

Name: _____ Application Area: Operations Research/Healthcare

Courses recommended to complete AMSC course of study - 36

Scientific Computation Core Courses (5 courses/15credits)

Semester	Course #	Title	Grade	Credits	Comment
	AMSC 660	Scientific Computing I		3	
	AMSC 661	Scientific Computing II		3	
	AMSC 662	Computer Organization and Programming for SC		3	
	AMSC 663	Advanced Scientific Computing I		3	
	AMSC 664	Advanced Scientific Computing II		3	

Core Science Courses: (2 courses/6 credits)

Semester	Course #	Title	Grade	Credits	Comment
	BMGT 830	Linear Programming		3	
	PLCY 735	Health Policy		3	

Computational Courses Supporting Application Area: (2 courses/6 credits)

Semester	Course #	Title	Grade	Credits	Comment
	BMGT 831	Network Optimization		3	
	BMGT 835	Simulation of Discrete Event Systems		3	

Electives: (3 courses/9 credits)

Semester	Course #	Title	Grade	Credits	Comment
	ENME 644	Dynamics		3	
	AMSC 600	Advanced Linear Numerical Analysis		3	
	STAT 400	Applied Probability and Statistics		3	

Total course credits: 36

Semester/Yr

ORAL (CANDIDACY) EXAM:

Dissertation Research: 12 Credits.

Scientific Computation - Ph.D. Study Advisory Plan

Study Advisory Committee:

(Your signature indicates approval of the student's Study Advisory Plan)

1. _____ (Chair)
   Name (AMSC Faculty – Math/Application) Signature Date
2. _____
   Name (AMSC Faculty – Math) Signature Date
3. _____
   Name (AMSC Faculty – Application) Signature Date

AMSC Graduate Committee Approval _____ **Date**_____

Proposed Changes/Comments:

_____Committee Member Not AMSC Faculty

_____Insufficient Math Content

_____Core Science Course(s) Not Acceptable

_____Supporting Courses Not Appropriate

_____Other - _____

Comments:_____

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