Applied Mathematics - Ph.D. Study Advisory Plan

Name: _____ Application Area: <u>Fluid Mechanics</u>

COURSES WITH MATHEMATICAL CONTENT: 18 credits
(3 credits Numerical Analysis)

Semester	Course #	Title	Grade	Credits	Comment
	MATH630	Real Analysis I		3	
	MATH660	Complex Analysis I		3	
	AMSC673	Partial Differential Equations I		3	
	AMSC674	PDES II		3	
	AMSC666	Numerical Analysis I		3	
	MATH632	Functional Analysis		3	

Number of mathematical content credits**:** <u>18</u>

APPLICATION COURSES: 6-9 Credits

Semester	Course #	Title	Grade	Credits	Comment
	ENME640	Fundamentals of Fluid Mechanics		3	
	ENME657	Analysis of Turbulent Flow		3	

Number of applications courses credits**:** <u>6</u>

ELECTIVES: (3 courses/9 credits)

Semester	Course #	Title	Grade	Credits	Comment
	STAT600	Probability Theory I		3	
	STAT650	Applied Stochastic Processes		3	
	AMSC698A	Advanced Topics in Applied Mathematics		3	

Number of elective credits**:** <u>9</u>

SEMINAR (2 credits)

Number of seminar credits: _____

Total number of credits (must be at least 36): _____

WRITTEN EXAMS:	**DATE PASSED**
1.	
2.	
3.	
Course Work Based Exams:	
ORAL (CANDIDACY) EXAM:	Semester/Yr

Revised 09/08

Dissertation Research: 12 Credits   NOTE: Please Attach Comments, Transfer Courses, etc.

Revised 09/08

Applied Mathematics - Ph.D. Study Advisory Plan

AMSC 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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