



Applied Mathematics & Statistics, and Scientific Computation Program

William E. Kirwan Hall 3103 • 301-405-0924 • amsc@umd.edu

Scientific Computation – PhD Study Advisory Plan

Name: _____ Application Area: _____

Courses recommended to complete AMSC course of study: 36 excluding 899 credits

Scientific Computation Core Courses: 6 courses/18 credits

Semester	Course #	Title	Grade	Credits	Comment
	AMSC 660	Scientific Computing I			
	AMSC 661	Scientific Computing II			
	CMSC 616	Introduction to Parallel Computing			

***Select 9 credits from the following courses to complete the SC Core Course Requirements: AMSC 665, AMSC 714, AMSC 715, AMSC 763, or AMSC 764.*

Core Science Courses: 2 courses/6 credits <https://shorturl.at/ILlZq>

Semester	Course #	Title	Grade	Credits	Comment

Computational Courses Supporting Application Area: 2 courses/6 credits

<https://shorturl.at/wDsSE>

Semester	Course #	Title	Grade	Credits	Comment

Electives: 2 courses/6 credits

Semester	Course #	Title	Grade	Credits	Comment

**Total number of credits (must be at least 36): _____
+ 12 credits of dissertation research**

ORAL (CANDIDACY) EXAM:

**Applied Mathematics & Statistics,
and Scientific Computation Program**

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Scientific Computation – PhD Study Advisory Plan

AMSC Study Advisory Committee (3 members required):

(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: _____
- _____ Other: _____

GPA Requirements:

- 1st year of 12 credits: 3.0 GPA overall
- 2nd year of 24 credits: 24 credits of 3.0 overall
- At least B or 3.0 in each core class (does not include core science courses)
- Overall GPA of 3.5 in SC core courses and core science courses
- Overall GPA of B or 3.0 in all included coursework
- No course with an individual grade below B- or 2.7 can be included in study plan