

Virginia Tech Department of Mathematics

Applied Computational Mathematics Option – Applied Areas Course Plan

As part of its Applied Computational Mathematics Option, the Department of Mathematics requires at least 12 credits of coursework in a single discipline, usually technical and always in an area to which the student can apply mathematics. Sample programs and requirements can be found in the *ACM Option Handbook*. This form should be submitted by the end of the first semester that you have an ACM Option advisor.

Submission Instructions:

1. List a coherent program of at least 12 credits meeting the requirements listed in the *ACM Option Handbook*. **Note:** The programming course used for the degree core (Section II of the checksheet) cannot be used in this plan.
2. Write a short explanation and justification for your plan. Address the intellectual rigor of the courses and the overall program, the degree to which mathematics is used, and the relevance to your career and/or future studies.
3. Discuss your plan with your advisor. Once approved, obtain your advisor’s (digital) signature on the form.
4. Type your INITIALS ONLY and 9-digit student ID number, then upload to Google form linked in the Student Forms section of the Math Department advising website. (www.math.vt.edu/advising)
5. A final department approval decision will be emailed to you within one week of submission to the Google form.

i) Applications Area Courses (at least 12 credits)

Course Number <i>(example: STAT 3005)</i>	Course Title	Credits
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

ii) Justification of Plan

Advisor Signature: _____ Date: _____

Student INITIALS: _____ Student 9-digit ID: _____