Harvard John A. Paulson School of Engineering and Applied Sciences

Program Plan for SM in Computational Science and Engineering

Note: This is a planning tool ONLY and does not denote course approval.

Student name G year Student email address

Proposed Plan of Study as of _____ (Date) You currently plan to graduate in ☐ terms.

Complete this page if you are currently in the **SM** program.

Select the **two** courses you will use (in addition to AM 205) to satisfy the **Core Courses** requirement:

	When are you taking the course?			
	Fall 1	Spring 1	Fall 2	Spring 2
☑ AM 205: Advanced Scientific Computing: Numerical Methods	☐		☐	
☐ AM 207: Advanced Scientific Computing: Stochastic Methods for Data Analysis, Inference, and Optimization	☐		☐	
☐ AM 215: Mathematical Modeling for Computational Science	☐		☐	
☐ CS 2050: High Performance Computing for Science and Engineering		☐		☐

List the **one** course you will use to satisfy the **Computer Science elective** requirement:

	☐	☐	☐	☐

List the **one** course you will use to satisfy the **Applied Math elective** requirement:

	☐	☐	☐	☐

Indicate how you will satisfy the **Research Experience** requirement:

☑ AC 297r: Capstone Project	☐	☐	☐

CSE Free Electives may be from SEAS, other FAS departments, other schools at Harvard, or MIT. List the course you will use to satisfy the **4 credits** of **technical Free electives** requirement:

	☐	☐	☐	☐

The remaining credits of the Free elective credit may be from non-technical classes. Up to four credits (two semesters) of the AC 298r seminar course and up to one semester of an AC 299r independent study may also be counted as an elective.

List the courses you will use to satisfy the remaining **4 credits** of **Free electives** requirement:

	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

☐ By checking this box you inducate that you are aware of the following:

1. **Grade requirements:** In order to be eligible to count for the **SM** degree, **a class grade must be a C (2.0) or higher**, and the average grade of all courses counting towards the degree must be B (3.0) or higher.
2. No more than three courses may be 100/1000-level SEAS/FAS courses or U-level MIT courses. Courses lower than the 100/1000-level, including all General Education courses, may not be counted towards the degree.
3. 300/3000-level courses may not be counted towards the degree, with the exception of AC 302 for thesis writers.
4. Waivers for course requirements may be approved on a case-by-case basis, but will not reduce the total number of credits required for the SM degree (32).