Harvard John A. Paulson School of Engineering and Applied Sciences

PhD Program Plan: APPLIED MATHEMATICS

Please TYPE the form below; you will be asked to resubmit if a hand-written form is received.

1. The PhD Program Plan should be filled out after consulting with your field/research advisor. The completed form, together with all attachments, should be discussed with and approved by your advisor(s) *before* it is submitted to the Office of Academic Programs for consideration by the Committee on Higher Degrees (CHD).

2. The form will be submitted at least *twice* while you are at SEAS.
    a. As a G1: In April, during the second term of graduate study, as a Prospective PhD Program Plan;
    b. As a G2: In October, during the third term of study, as a Final PhD Program Plan; and
    c. resubmit this form, as necessary, if your program of study changes from your approved plan.

    The final page of this form, the *PhD Self Audit*, is a required part of the PhD Program Plan form. Please remember to complete it.

3. List ten 4-unit courses for the PhD, including eight disciplinary courses and two breadth courses. For more information, see the *PhD Course Requirements and Model Programs* section of the SEAS website.

4. Include a statement or rationale for your course selection, overall program and research plan, any changes made to a previous plan, and an explanation for any graduate courses taken as a graduate student at another institution (including cross-registration at MIT).

5. If you are interested in applying for Credit for Work Done Elsewhere in a previous graduate program:
    a. Please include course descriptions/syllabi and the textbook(s) used in the course(s); and
    b. Attach the form "Application for Academic Credit for Graduate Work Done Elsewhere," available on the FAS website.

6. As a G2:
    a. Indicate whether there has been any change from the prospective program plan previously approved;
    b. List the two members of the qualifying committee nominated by the advisor and the student, respectively (one or both of whom must be the student's other advisors, if that applies); and
    c. Give the month and year in which the qualifying exam will be taken. The qualifying exam *must* be taken prior to the end of Reading Period during the fourth term of graduate study, unless the advisor(s) requests an extension from the CHD.

ADVISOR'S APPROVAL AND SUBMISSION GUIDELINES

Your PhD Advisor must approve your course selections and qualifying exam committee. Students are can collect original signatures and submit a hard copy of this document (single sided, please, minus the cover sheet) to the Office of Academic Programs.

Alternatively, students may email a copy of the completed form—including all supplemental documentation mentioned above—to the Office of Academic Programs at gradprograms@seas.harvard.edu. Student *must* copy the advisor and request that s/he respond, confirming that the plan has the advisor's approval.

Harvard John A. Paulson School of Engineering and Applied Sciences

PhD Program Plan: APPLIED MATHEMATICS

Student Name: Field/Research Advisor:

Email Address: G-Year: Date Submitted:

Proposed Dissertation Topic/Area of Research:

This is a: Prospective Plan ☐ Final Plan ☐ Revised Final Plan ☐

Have there been changes to your plan since the most recently approved submission? Yes ☐ No ☐

All plans require a rationale/statement that explains changes made and/or substitutions in detail, unless you select "no changes".

All Students: Please refer to *Policies of the CHD* for information regarding "disciplinary" and "breadth" courses.

List technical/disciplinary courses

	Course # (i.e. ES227)	Course Title	Instructor	Term/Year	Grade
1					
2					
3					
4					
5					
6					
7					
8					

Breadth courses such as 299r, non-technical and innovation courses (additional technical courses may go here)

9					
10					

Be sure to also include a statement to explain the rationale for your program and reasons for including any graduate courses taken as a graduate student at another institution.

Student's Name:

Signature:

Date:

FINAL PROGRAM PLAN ONLY: Qualifying Committee and Exam Information

Proposed Research Topic	
Advisor	
Advisor's Nominee	
Student's Nominee	
Dean's Nominee *Chosen by the CHD, please leave blank*	

Month in which the qualifying examination is anticipated:

APPROVALS

Advisor's Comments (required)	
Advisor Name	
Advisor's Signature *Either an original signature or email confirmation (see p.1 of this form)*	
Date	

Harvard John A. Paulson School of Engineering and Applied Sciences



Does your PhD Program Plan meet the following requirements?

10 total courses to count toward the PhD	**Yes** ☐	**No** ☐
-8 Disciplinary	**Yes** ☐	**No** ☐
-2 Breadth	**Yes** ☐	**No** ☐
Not more than two 100-level courses included and only one as a Disciplinary course (unless your subfield's Model Program Specifically directs otherwise)	**Yes** ☐	**No** ☐
Not more than two 299r's may be included Please see the CHD Policies for program-specific rules regarding 299rs.	**Yes** ☐	**No** ☐
At least five SEAS or SEAS-equivalent 200-level courses A SEAS-equivalent course is a 200-level course taught by SEAS faculty in other FAS departments. 299r's do not count toward this requirement.	**Yes** ☐	**No** ☐
Are you asking to transfer in coursework? If yes, please attach the FAS from "Applications for Credit for Coursework Done Elsewhere" and course descriptions/syllabi/texts. NOTE: 3 classes is the maximum number that will be considered.	**Yes** ☐	**No** ☐
Are you planning to include classes taken at MIT? If so, confirm that Harvard, SEAS, and FAS does not offer an equivalent course. You must also attach a syllabus (including texts) and course description. NOTE: The CHD requires that ALL MIT courses are taken at the Graduate Level for a letter grade.	**Yes** ☐	**No** ☐

Please note any petitions you are making for exceptions to the CHD policies here: