



## 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 March, 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 *AM Model Program* 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 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](mailto:gradprograms@seas.harvard.edu). Student *must* copy the advisor and request that s/he respond, confirming that the plan has the advisor’s approval.



## 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**

*(please remember to ask your committee members whether they are willing to participate prior to submission)*

Proposed Research Topic	
Advisor	
Advisor's Nominee	
Student's Nominee	
Dean's Nominee <i>Chosen by the CHD, please leave blank</i>	

Month in which the qualifying examination is anticipated:

**APPROVALS**

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



Does your PhD Program Plan meet the following requirements?

<b>10 total courses to count toward the PhD</b>	<b>Yes</b>	<b>No</b>
-8 Disciplinary	<b>Yes</b>	<b>No</b>
-2 Breadth	<b>Yes</b>	<b>No</b>
<b>Not more than two 100-level courses included</b> and only one as a Disciplinary course (unless your subfield's Model Program Specifically directs otherwise)	<b>Yes</b>	<b>No</b>
<b>Not more than two 299r's may be included</b> Please see the CHD Policies for program-specific rules regarding 299rs.	<b>Yes</b>	<b>No</b>
<b>At least five SEAS or SEAS-equivalent 200-level courses</b> 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.	<b>Yes</b>	<b>No</b>
<b>Are you asking to transfer in coursework?</b> 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.	<b>Yes</b>	<b>No</b>
<b>Are you planning to include classes taken at MIT?</b> 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.	<b>Yes</b>	<b>No</b>

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