March 28, 2016
To: Mathematics graduate students
From: John Palmieri, GPC
Re: Spring 2016 registration

This is a good time for you and your advisor to have a serious talk about your plans, your program, and how you are progressing. Please take advantage of it! Attached you will find a blank Quarterly Plan to facilitate planning of your program. After looking over the course offerings for next quarter (on the web or on the graduate course bulletin board outside the lounge) and talking them over with your advisor, fill this out. Hard copies of the Quarterly Plan form are also available in the Student Services Office (Padelford C-36), and it is also on the web (Graduate program → Some useful forms).

Those of you who have not yet passed your General Exam must get your advisor’s signature on the Quarterly Plan. We have asked advisors not to sign any student’s Quarterly Plan without having had a substantial face-to-face conversation with their advisee. The Quarterly Plan needs to be turned in to the Student Services Office by the end of the day Friday, April 1.

Registration Requirements: There are specific registration requirements tailored to students at different stages in the program. They are explained in detail on the web (at the main Graduate program web page, follow the link for Registration guidelines for either PhD or Master’s students, whichever is appropriate); here is a summary: Every supported graduate student must register for at least 10 credits each academic quarter. In addition:

- Master’s students and PhD students who have not yet reached precandidate status should register for three graded courses applicable to their degree requirements.

- PhD students who are precandidates or higher normally register for at least one regular 500-level mathematics course, one seminar for credit, and ten credits of some combination of Math 800, Math 600, and other courses or seminars. Math 800 is the best choice for students who have completed their general exams.

A PhD student becomes a precandidate once prelims are passed, a PhD advisor is chosen, and a supervisory committee is appointed.

Special Topics in Mathematics Sequence, 581/2/3: Special topics courses are listed as sections of the sequence Special Topics in Mathematics (581, 582, and 583 in Autumn, Winter, and Spring, respectively). Many topics courses are interdisciplinary, or draw upon a number of areas. Syllabi for this quarter’s courses may be found on the notice board outside the lounge and on the web.

Math 597: The first time you teach your own section of a 100-level course, and the first time you teach your own section of a 300-level course, you must sign up for the one-credit Seminar on Teaching Math (Math 597), which will pair you with an experienced faculty advisor who will help you to plan and teach your course. It is also highly recommended that you sign up for Math 597 whenever you teach a course that you have not taught before, even if you’ve already taken it when teaching another course at the same level. Contact Judith Arms for details about Math 597.

Add codes: To register for certain courses, such as 600/700/800, you need to obtain an add code; courses requiring add codes are marked in the Quarterly Time Schedule. Add codes can be obtained in the Student Services Office, C-36.

Getting advice: For advice on choosing courses and planning your program, speak with your academic advisor, me, or any other faculty member. Brooke Miller knows more about the administrative details of registering for courses than any faculty member and is happy to talk with you at any time.
Drop policy: The deadline for dropping a course is the end of the second week of classes, except that each student is allowed one “discretionary drop” per academic year during weeks 3–7.

Courses outside the Mathematics Department: If you plan to sign up for courses outside this department, make sure your advisor notes his or her approval on the Quarterly Plan. You don’t need to get my specific approval.

Normal progress: Be sure you are familiar with the rules for “normal progress,” some aspects of which are described below; see the mathematics graduate program web page for full details (Graduate Program → Normal progress).

Normal progress for PhD students:
- First-year students: By the end of this academic year, you should have passed at least two core graduate courses (or the corresponding prelims). You should also have completed eight mathematical sciences courses at the 400-level or higher, at least six of which should be at the 500-level or higher (counting core courses).
- Second-year students: By the end of this year, you should have completed twelve mathematical sciences courses at the 500-level or higher.
- Third-year students: If you have already chosen a thesis advisor, make sure you have notified the Student Services Office who your thesis advisor is – there is a form for this purpose that should be signed by you, your old advisor, and your new advisor. You must choose a thesis advisor by the end of Winter Quarter, and by the end of this coming Summer quarter, you must pass your language exam.
- Fourth-year and higher: You must pass your General Exam by the end of Winter Quarter. The UW Graduate School recommends forming your Doctoral Supervisory Committee at least 4 months in advance of your General Exam.

Normal progress for Master’s students:
- First-year students: By the end of this academic year, you should have satisfactorily completed at least eight one-quarter courses from the list of courses applicable to your degree.
- Second-year students: By the end of this academic year, you should have completed all the requirements for your degree.

Seminars: Before signing up for any seminar, be sure to contact the seminar coordinator and make sure you understand what is expected. Most seminars are two credits unless you make special arrangements.

The seminar Current Topics in Mathematics (MATH 580) will continue.

510A  Algebra
510B  Algebraic Geometry
530A  Rainwater
530B  Inverse Problems
530D  Optimization
550A  DG/PDE
550B  Combinatorics
550C  Number Theory
570A  Topology
590A  Probability

Independent Study and Thesis: With permission of a faculty member, you may sign up for the following courses up to a maximum total of 10 credits of 600/700/800 in any quarter.

600A  Independent study/reading course
600B  Supplemental reading in connection with a math course
700  Master’s thesis
800  PhD thesis (post-prelim PhD students with thesis advisors only)
# UW MATHEMATICS GRADUATE PROGRAM
## QUARTERLY PLAN

*This form is due in the Student Services Office, Padelford C-36, no later than 5:00pm on the fifth class day of the quarter.*

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**TOTAL CREDITS:**

Advisor’s Signature: ___________________________ Date: __________

Additional comments:

**Exceptions:**

*See the Registration Guidelines on the web for details about registration requirements for Master’s and PhD students. If you are requesting an exception to the requirements that requires approval from the Graduate Program Coordinator, please describe the exception here and obtain the GPC’s initials below.*

GPC initials: ________