

University of Illinois at
Urbana-Champaign
Department of Mathematics



Joe Rosenblatt (Department Chair)

Phil Griffith (Director of Graduate Studies)

John P. D'Angelo (CID Coordinator)

David Murphy (Graduate Student)

First year: Introduction to discipline and department

- Orientation
 - Course work and comp advising
 - Buddy system
 - TA evaluation and preparation
 - Social event
- Advising and Mentoring
- First Year Courses
- Preparation for Comps
- Math 400
- REGs

Introduction to the research enterprise

- Math 400
- Seminars
- Named lecture series
(Cairns, Coble, Trjitzinsky)
- RAPs
- REGs

Significant Transition

- Comps
 - Real Analysis, Algebra
 - 4 additional comp courses
 - Complex analysis proficiency
 - ≥ 4 written exams, ≤ 2 by course grade
- Foreign Language Requirement
- 24 units of course credit
- Preliminary exam
- **THESIS**

Dissertation and defense

- Dissertation committee
 - Formed after prelim exam
 - 4 members including advisor
- THESIS
- Final Exam (Defense)
 - Dissertation committee plus 1



Optional other Commonalities

Innovation

- Redesign of comps (1996)
 - Breadth and depth
 - Interdisciplinary mathematics
- Math 400
- Math 500
- RAPs
- REGs
- AVC

Novel Idea

- Teamwork in the graduate program!
 - Faculty involvement from the start
 - Math 400
 - REGs
 - Math 500
 - Efficient transition to research
 - Time to degree report
 - RAPs
- Assessment
 - Alumni Visiting Committee
 - Discussions launched from the CID