MS Programs in

Teaching of Mathematics
Applied Mathematics
Mathematics
Introductions!

• Please talk with the person next to you and learn:
  • Their name,
  • Where they are from,
  • What kind of mathematics they are most interested in.

• After a few minutes, you will introduce your partner to us.
Degree requirements

- At least 32 credit hours, at least 12 of the hours at the 500 level. Both 400-level and 500-level courses count for graduate credit.

- A certain number of courses outside of Math can count towards your degree.

- Check the specific requirements for your program.

- You are allowed to take courses which don’t count for your degree, if you choose.

- Choose courses at the right level for YOU!

- MS thesis option for Math and Applied Math.
Course registration

- Registration can be complicated – don’t hesitate to ask for help.
- International students must have a minimum of 12 hours, by the 10th day of classes.
- There are exceptions to the 12 hour minimum, but you must get approval first.
- For 400-level mathematics classes, you can increase from 3 to 4 hours if the professor agrees. Paper forms are available in the Math Undergrad Office, 313 Altgeld.
- Be sure to watch your emails and register at the earliest possible time for Spring.
Directed graph of math course dependencies

(made by Director of Graduate Studies Lee DeVille)
Math Department opportunities

• Seminars, colloquia, study groups

• Illinois Geometry Lab

• Association for Women in Mathematics

• Watch your email for announcements of activities
Possible employment while a student

• On-campus hourly jobs

• Teaching assistantship – rarely available in Math Department. For classroom teaching, 24 on TOEFL speaking section, 8.0 on IELTS speaking section or EPI pass required. If you have an assistantship elsewhere on campus which includes a tuition waiver, the Math Department accepts the tuition waiver in almost all cases.

• Internships – sometimes there are local opportunities at Research Park during the academic year; summer internships can be off-campus.

• International students – off-campus internships usually require CPT approval (Curricular Practical Training). Must have completed two semesters of study first.
Post-graduation plans

• Look at the information on the Math Department careers page and take advantage of Graduate College Career Services. Read your emails!

• If you’d like to enter a PhD program, apply to a range of programs. You may apply to our PhD program, too, but admission is very competitive. Applications here and at most programs are due in December or January for the following fall.
Especially for International Students

• Full-time status is 12 credit hours each semester (except summer). You can have a reduced course load under certain circumstances; usually you must get ISSS approval first.

• Restrictions on how much on-campus work.

• F-1 visa holders can use CPT for off-campus work which is sufficiently related to mathematics.

• ISSS is an excellent resource for many questions – don’t hesitate to consult them!