

MASTERS DEGREE REQUIREMENTS

MASTER'S DEGREE

Degree Requirements

- 1. Residence** Complete 16 graduate level credits (300 level or above, no audits or pass/fail) taken as a graduate student at UW-Madison.
- 2. Courses** Complete 30 or more graduate credits. These must include 18 or more credits in mathematics (or cross listed courses). Graduate credit is given for courses numbered above 300.
- 3. Pass** with a grade of B or higher four of the following core courses: Math 703, Math 704, Math/CS 714, Math/CS 715, Math 721, Math 722, Math 725, Math 741, Math 742, Math 751, Math 752, Math 761, Math 770, Math 771, Math 773, Math 776.
- 4. Minor** Complete 18 or more credits that provide training in (a) some specialty within mathematics, or (b) some outside specialty on which mathematics bears. The specialty in (b) may be academic or vocational. (For Math students, the minor is actually the classes for your major field of study.)
- 5. Computing** Complete an advanced computer science course which involves substantial programming in a structured language such as Pascal or C. Suitable courses are: CS 367, CS 536, CS 537, CS 564, CS 704, CS 714, CS 715, CS 719, CS 730, CS 799, CS 883, or CS 884. Other courses require prior approval of the Graduate Studies Coordinator. This requirement is waived if two qualifying exams are passed.
- 6. Grades** Achieve a grade point average of 3.3 or better in mathematics and cross listed courses.

Master's Advisor and Minor

Candidates should discuss their desire for a Master's degree with their Math Academic Advisor before completing the various requirements. The advisor will help the candidate design a program satisfying the minor requirement (#4 above).

Upon completing the requirements, a Master's of Art Degree form, approved by the advisor, must be filed with the department (Graduate Program Administrator) by the middle of the intended semester of to receive the degree. If planning to graduate with a Masters, then submit form at the beginning of semester before graduation.

Time Limit

The Master's degree should be completed in two years. Candidates who do not complete it in three will not be allowed to continue.

Satisfactory Progress Criteria

1. Maintain a grade point average of 3.3 or better.
2. Complete two courses for six graduate credits each semester.
3. Complete the program in three years.

Remark For information on a "Joint Master's Degree in Mathematics and Education" please contact both the Mathematics Department and the Department of Curriculum & Instruction.