

# Mathematics Minor Program Planning and Approval Form

Student Name: \_\_\_\_\_ Class: \_\_\_\_\_ Major: \_\_\_\_\_ ID: \_\_\_\_\_

E-mail Address: \_\_\_\_\_ Academic Advisor: \_\_\_\_\_

*Please note that no more than one unit of course work (3 courses) may be double counted and no course can triple count for different minors/majors.*

**The Minor in Mathematics consists of successful completion of at least 2 units of academic activities in mathematical sciences satisfying the following requirements:**

1. At least 5/3 units must be coursework in the Mathematical Sciences Department at the 2000 level or above, of which at least 2/3 units must be upper-level courses, i.e. 3000-level, 4000-level, or graduate mathematics courses. Courses selected at the 2000 level, if any, must include at least one of the following courses:  
 MA 2073 Matrices and Linear Algebra II  
 MA 2251 Vector and Tensor Calculus  
 MA 2271 Graph Theory  
 MA 2273 Combinatorics  
 MA 2431 Mathematical Modeling with Ordinary Differential Equations  
 MA 2631 Probability
2. **The final 1/3 unit Capstone Experience:** The integrating capstone experience requires prior approval by Minor Advisor and Instructor of Record for the course or independent study prior to registering for the course. The experience may be satisfied by certain 3000-level, 4000-level or graduate courses offered by the department (with instructor approval) or by a suitable independent study with a Mathematical Sciences faculty member. At the conclusion of the process, the student will complete this Form and have it signed by the Capstone Experience instructor and the Minor Advisor.

Minor Program	Planned		Actual			
Courses	Course/ISP	Term	Course/ISP	Term	Grade	FE *
Total 5/3 Unit Must include at least two at 3000 level or above.						
Capstone						

\* Put an X in the FE (free elective) column to indicate the three courses that are not being counted toward any other degree requirement besides free electives.

Mathematics Minor

Advisor Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Capstone Experience

Instructor Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Certification of Completion of Minor Requirements**

Math Minor Advisor Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Upon completing this form and receiving all signatures, email it to [gr-ma-minor@wpi.edu](mailto:gr-ma-minor@wpi.edu) for final review.