

# Statistics 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 consists of successful completion of at least 2 units of academic activities, which must consist of :**

**1.** At least 5/3 units of coursework which must be drawn from the following lists of Foundation and Upper-Level Courses.

**(a) Foundation Courses (minimum 2/3 unit)**

- MA 2073 Matrices and Linear Algebra II
- MA 2611 Applied Statistics I
- MA 2612 Applied Statistics II
- MA 2631 Probability, or MA 2621 Probability for Applications

**(b) Upper-Level Courses (minimum 2/3 unit)**

- MA 3627 Introduction to the Design and Analysis of Experiments
- MA 3631 Mathematical Statistics
- MA 4213 Risk Theory
- MA 4214 Survival Models
- MA 4237 Probabilistic Methods in Operations Research
- MA 4603 Statistical Methods in Genetics and Bioinformatics
- MA 4631 Probability and Mathematical Statistics I
- MA 4632 Probability and Mathematical Statistics II
- MA 4635 Data Analytics and Statistical Learning
- MA 509, MA 584, or any course numbered MA 540 through MA 559

**2. Capstone Experience:** The Capstone Experience may be satisfied by certain 3000-level, 4000- level or graduate courses offered by the department or by a suitable independent study with one of the department's statistics faculty. The Capstone must be approved in advance by having the Statistics Minor Program Approval form signed by both the Minor Advisor and the Instructor of the Capstone Experience.

Minor Program	Planned		Actual			
	Course/ISP	Term	Course/ISP	Term	Grade	FE *
Foundation Courses (2/3)						
Other (from list)						
Upper-Level Courses (2/3)						
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.

Statistics Minor  
 Advisor Signature: \_\_\_\_\_

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

Capstone Experience  
 Instructor Signature: \_\_\_\_\_

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

Certification of Completion of Minor Requirements  
 Advisor Signature: \_\_\_\_\_

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

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