

STATISTICS: STATISTICS, PHD

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), in addition to the program requirements listed below.

NAMED OPTION REQUIREMENTS MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

Evening/Weekend: Courses meet on the UW-Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW-Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirement Detail

Minimum Credit Requirement	51 credits
Minimum Residence Credit Requirement	32 credits
Minimum Graduate Coursework Requirement	26 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: https://policy.wisc.edu/library/UW-1244 (https://policy.wisc.edu/library/UW-1244/).
Overall Graduate GPA Requirement	3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: https://policy.wisc.edu/library/UW-1203 (https://policy.wisc.edu/library/UW-1203/).

Other Grade Requirements A grade of B or better must be received in any course used to fulfill the required and elective course requirements.

Assessments and Examinations Students must pass the PhD qualifying examination, an oral preliminary examination on a topic selected with the approval of the student's advisor, and a dissertation defense.

Language Requirements No language requirements.

Graduate School Breadth Requirement Statistics doctoral students are not required to complete a minor or graduate/professional certificate by the Graduate School. The program does require students to meet the breadth requirement in one of three ways:

- 1) Complete an Option A (external) minor
- 2) Complete an Option B (distributed) minor consisting of at least 9 credits outside the Department of Statistics, at least 3 credits of which must be from course(s) numbered 600 or higher.
- 3) Complete a Breadth Option (called "Option C" in the statistics department) consisting of at least two of the following three: participatory seminar experience, collaborative research experience, and/or a breadth course.

See the program website (<https://stat.wisc.edu/graduate-studies/phd-program> (<https://stat.wisc.edu/graduate-studies/phd-program/>)) for more details.

REQUIRED COURSES

Code	Title	Credits
Core		
Students must complete the following courses.		
STAT/MATH 709	Mathematical Statistics	4
STAT/MATH 710	Mathematical Statistics	4
STAT/MATH 733 or STAT 771	Theory of Probability I Statistical Computing	3
STAT 849	Theory and Application of Regression and Analysis of Variance I	3
STAT 850	Theory and Application of Regression and Analysis of Variance II	3
STAT 998	Statistical Consulting	3
Electives		18
Students must complete at least 18 credits of STAT courses. Courses must be numbered 700 and above. Students may use STAT/B M I 641 and 642 to satisfy a portion of the electives requirement.		
STAT/B M I 641	Statistical Methods for Clinical Trials	
STAT/B M I 642	Statistical Methods for Epidemiology	
Breadth		2-12
Research		

Students may complete sufficient credits of STAT 990 to reach the 51-credit minimum.

STAT 990	Research	1-12
Total Credits		51

Electives Requirement

Courses that do not satisfy the electives requirement include:

STAT 609 Mathematical Statistics I, STAT 610 Introduction to Statistical Inference, STAT 699 Directed Study, STAT/MATH 709 Mathematical Statistics, STAT/MATH 710 Mathematical Statistics, STAT 849 Theory and Application of Regression and Analysis of Variance I, STAT 850 Theory and Application of Regression and Analysis of Variance II, STAT 990 Research.

If STAT 992 Seminar is used to satisfy the elective requirement, only 3 credits from any one topic is allowed.