

Fall 2025 Enrollment Information for Statistics Certificate



Please carefully read this entire email for Fall 2025 enrollment information.

Remember a certificate is meant to complement your major. We recommend Statistics certificates enroll in only **1-2 statistics/math/quantitative courses per fall/spring semester**. If you are in a STEM/quantitative major, a maximum of **three** STEM/quantitative courses per semester is our recommendation.

IN THIS NEWSLETTER

1. Important dates
2. Advising availability
3. Enrollment holds
4. Priority enrollment
5. Fall 2025 statistics courses
6. Action items for fall 2025 graduates

IMPORTANT DATES (<https://registrar.wisc.edu/dates/>)

- **March 12** – Fall 2025 courses available on Course Search & Enroll
- **Week of March 31** – Fall 2025 term enrollment appointment times assigned to students throughout this week (check your MyUW Student Center and @wisc.edu email inbox).
- **Week of April 7** - Students begin enrolling for Fall 2025 term courses according to appointment times.

ADVISING AVAILABILITY

Minimal & Quick Questions – Email statcert@stat.wisc.edu or attend **Zoom Drop-Ins**
Zoom drop-in advising is available April 2-30 on [every Wednesday from 1-2 PM](#).

Complex Questions – Schedule a Starfish Appointment

Individual one-on-one appointments are preferred for complex questions, unique situations, or discussing course plans **BEYOND** the fall 2025 semester.

If you wish to switch to the Statistics major, please meet with a [Statistics major advisor](#).

Fall 2025 Enrollment Information for Statistics Certificate

Please see the following links if you have further questions.

- STAT course enrollment FAQ: <https://stat.wisc.edu/courses-and-enrollment/>
 - How to run a DARS report: <https://registrar.wisc.edu/dars-student/>
-

ENROLLMENT HOLDS

Please check your Student Center frequently between now and your enrollment time to confirm that you do not have any holds that will impact your enrollment. Step-by-step instructions are available at: <https://kb.wisc.edu/registrar/4139>.

PRIORITY ENROLLMENT

Some advanced courses will give priority enrollment for declared Statistics certificate students. Please see the **course notes** section in [Course Search & Enroll](#) to find out if individual courses have priority enrollment access.

Priority enrollment **does not guarantee** access into certificate courses but will allow declared Statistics certificate students access to enroll before non-declared students.

FALL 2025 STATISTICS ELECTIVES

[Click here to view the full curriculum.](#)

Statistics Certificate students are required to take 3 credits of elective coursework. Having **STAT 304 and/or 305** (valued at 1 credit each) as your **ONLY** elective(s) will **NOT** fulfill the required 3 credits of electives.

- **STAT/MATH 310** Introduction to Probability and Mathematical Statistics II
 - **STAT 349** (Lec 001) Introduction to Time Series
 - **STAT 421** (Lec 001) Applied Categorical Data Analysis
 - **STAT/M E 424** Statistical Experimental Design
 - **STAT 436** (Lec 001) Statistical Data Visualization
 - **STAT 451** (Lec 001) Introduction to Machine Learning and Statistical Pattern Classification
 - **STAT 453** (Lec 001) Introduction to Deep learning and Generative Models
 - **STAT 461** (Lec 001) Financial Statistics
 - **STAT/COMP SCI 471** (Lec 001) Introduction to Computation Statistics
 - **STAT 479** (Lec 001) Sports Analytics
 - Course Description: Illustrates the use of statistical models and data science techniques to derive actionable insights from sports data. Emphasizes not only technical calculation of advanced metrics but also on written and oral communication of results to diverse audiences. Topics may include: estimating team rankings from paired competitions; measuring an individual player's contribution to their team's success; assessing player performance and team
-

Fall 2025 Enrollment Information for Statistics Certificate

strategy in terms of expected outcomes; forecasting the impact of rule changes using simulation.

- **STAT 479 (Lec 003) Topological Data Analysis**
 - Description: This course will introduce topological data analysis (TDA), which is a set of computational topology tools that may be used in the analysis of data for tasks such as visualization, inference, or prediction. The primary focus is on persistent homology, which can be thought of as characterizing holes in data. What are holes in data? We will discuss this more rigorously, but you can think of zero-dimensional holes as connected components or clusters, one-dimensional holes as loops, two-dimensional holes as voids, etc. It may be surprising that where the data are not located (i.e., the holes), can provide useful information and insights for inference or prediction, but it has been successfully used in a variety of applications including astronomy, brain artery trees, cell biology, engineering, histology images, morphology, among many others. Various theoretical, methodological, computational, and applied aspects of persistent homology will be discussed during the semester, and we will use topological summaries for statistical inference and prediction or classification in machine learning algorithms.
- **STAT 575 (Lec 001) Statistical Methods for Spatial Data**
- **STAT 641 Statistical Methods for Clinical Trials**

NEW COURSE: STAT 620 Statistics in Human Genetics is a new course that will be effective in Guide and DARS in fall 2025 and count as a Statistics Certificate elective.

ACTION ITEMS FOR FALL 2025 GRADUATES

Apply for Graduation

If you are planning to graduate in fall 2025, you **MUST** apply for graduation after enrolling in your courses. [Please click here for a step-by-step guide on how to apply.](#)

Additional links regarding graduation

- Office of the Registrar's diploma information page: <https://registrar.wisc.edu/diploma/>
- What appears on your transcript: <https://kb.wisc.edu/registrar/page.php?id=96537>
- Commencement: <https://commencement.wisc.edu/>

What if I do not see Statistics certificate on my graduation application?

The Apply for Graduation portal will only display a student's degree (and/or affiliated major). Your graduation application applies to all your declared majors and certificates; no additional steps are necessary.