

# Spring 2025 Enrollment Information for Statistics Certificate



Please carefully read this entire email for Spring 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.

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

- **October 18** – Spring 2025 courses available on Course Search & Enroll
- **Week of November 4** – Spring term enrollment appointment times assigned to students throughout this week (check your MyUW Student Center and @wisc.edu email inbox).
- **Week of November 11** - Students begin enrolling for Spring 2025 term courses according to appointment times.

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## ADVISING AVAILABILITY

**Minimal & Quick Questions** – Email [statcert@stat.wisc.edu](mailto:statcert@stat.wisc.edu) or attend **Zoom Drop-Ins**. Zoom drop-in advising is [every Thursday from 2-3 PM](#). No drop-ins on Thursday, November 28 in observance of Thanksgiving holiday.

## Complex Questions – Schedule a Starfish Appointment

Individual one-on-one appointments are preferred for complex questions, unique situations, or discussing course plans **BEYOND** the spring 2025 semester. Advising is unavailable November 28 & 29 for Thanksgiving Break.

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

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/>
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## 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 spring enrollment. Step-by-step instructions are available at: <https://kb.wisc.edu/registrar/4139>.

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## 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.

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## SPRING 2025 STATISTICS COURSES

[Click here to view the full curriculum](#). Information on spring 2025 probability and elective courses is below.

### Probability Courses

- All probability courses are planned to be taught except for E C E 331 Introduction to Random Signal Analysis and Statistics.
- If you have Calculus 2 completion (MATH 213 or 222), take MATH 331.
- If you have Calculus 3 completion (MATH 234 or 376), you can take STAT/MATH 309, STAT 311, STAT/MATH 431, or MATH 531.

### Elective Courses

Transfer students who are short of the minimum 13 credits to earn the Statistics certificate may take STAT 304 and/or 305 (valued at 1 credit each).

- **STAT/MATH 310** Introduction to Probability and Mathematical Statistics II
  - **STAT 312** Introduction to theory and Methods of Mathematical Statistics II
  - **STAT 351** (Lec 001) Introductory Nonparametric Statistics
  - **STAT 405** Data Science Computing Project
  - **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
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## Spring 2025 Enrollment Information for Statistics Certificate

- **STAT 456** (Lec 001) Applied Multivariate Analysis
  - **STAT 479** (Lec 001) Introduction to Probabilistic Graphical Models and Modern Probabilistic AI
    - This course introduces the core concepts and practical skills needed to model uncertainty in complex systems. You'll learn how to build and work with Bayesian networks, Markov networks, and deep generative models. The course is designed for students with a solid background in probability and familiarity programming in Python. Applications will focus on fields including bioinformatics (e.g., gene regulatory networks), healthcare (e.g., predictive modeling), and finance (e.g., risk analysis).
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### ACTION ITEMS FOR SPRING 2025 GRADUATES

#### Apply for Graduation

If you are planning to graduate in spring 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?

Your application will only list your degree and/or major. It is normal to not see Statistics certificate on your application; you do not need to take any extra steps. Your application applies to all your declared majors and certificates.