

STATISTICS CERTIFICATE ENROLLMENT INFORMATION FOR SUMMER & FALL 2023

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

- **March 27:** Summer term enrollment appointment times assigned to students throughout this week (check your MyUW Student Center and @wisc.edu email inbox)
- **April 3:** Students begin enrolling for Summer 2022 term courses according to appointment times
- **April 3:** Fall term enrollment appointment times assigned to students throughout this week (check your MyUW Student Center and @wisc.edu email inbox)
- **April 10:** Students begin enrolling for Fall 2023 term courses according to appointment times

ENROLLMENT HOLDS

Please check your Student Center frequently to confirm that you do not have any holds that will impact your summer enrollment. <https://kb.wisc.edu/registrar/4139>

STATISTICS CERTIFICATE OVERVIEW

Students are eligible to declare the Statistics Certificate beginning August 28, 2023. Prior to declaring, students must have completed one Introductory Statistics course and one Calculus 1 course. Students should also have a minimum of Calculus 2 in order to complete the Probability requirement.

The Statistics Certificate is a total of five courses that adds up to 13 credits. See below to view course offerings for summer and fall 2023.

Introductory Statistics, complete one option (3-4 cr)

All courses are offered summer and fall '23 except for STAT 302

- STAT 240 Data Science Modeling I
- STAT 301 Introduction to Statistical Methods
- STAT 302 Accelerated Introduction to Statistical Methods
- STAT 324 Introductory Applied Statistics for Engineers
- STAT 371 Introductory Applied Statistics for the Life Sciences

Statistical Language (1 cr)

Offered both summer and fall '23

- STAT 303 R for Statistics I

Regression Analysis, complete one option (3-4 cr)

Both courses are offered in fall '23

- STAT 333 Applied Regression Analysis
- STAT 340 Data Science Modeling II

Probability, complete one option (3 cr)

- STAT/MATH 309 Introduction to Probability and Mathematical Statistics I (offered fall '23)
- STAT 311 Introduction to Theory and Methods of Mathematical Statistics I (offered fall '23)
- MATH 331 Introductory Probability
- STAT/MATH 431 Introduction to the Theory of Probability (offered summer and fall '23)
- MATH 531 Probability Theory

If you have issues preventing you from enrolling at your enrollment time (either technical or personal), please contact me at statcert@stat.wisc.edu. Advising appointments are available on [Starfish](#).

STATISTICS CERTIFICATE ENROLLMENT INFORMATION FOR SUMMER & FALL 2023

Elective, complete one option (3 cr)

- STAT/MATH 310 Introduction to Probability and Mathematical Statistics II (offered fall '23)
- STAT 312 Introduction to Theory and Methods of Mathematical Statistics II (offered fall '23)
- STAT 349 Introduction to Time Series (offered fall '23)
- STAT 351 Introductory Nonparametric Statistics
- STAT 405 Data Science Computing Project
- STAT 411 An Introduction to Sample Survey Theory and Methods (offered fall '23)
- STAT 421 Applied Categorical Data Analysis
- STAT/M E 424 Statistical Experimental Design (offered fall '23)
- STAT 433 Data Science with R
- STAT 436 Statistical Data Visualization
- STAT 443 Classification and Regression Trees
- STAT 451 Introduction to Machine Learning and Statistical Pattern Classification (offered summer and fall '23)
- STAT 453 Introduction to Deep Learning and Generative Models
- STAT 456 Applied Multivariate Analysis
- STAT 461 Financial Statistics (offered fall '23)
- STAT/COMP SCI 471 Introduction to Computational Statistics
- STAT 479 Special Topics in Statistics (offered fall '23)
- STAT 641 Statistical Methods for Clinical Trials (offered fall '23)
- STAT 642 Statistical Methods for Epidemiology
- STAT 575 Statistical Methods for Spatial Data

PLANNING TO GRADUATE?

If you are planning to graduate in fall 2023 or spring 2024, please schedule a Starfish meeting with me so we can discuss how to fit in your remaining courses.

Below are some additional links regarding graduation.

- Step-by-step guide on how to apply to graduate: <https://kb.wisc.edu/registrar/4128>
- 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/>

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