

# Spring 2024 Enrollment Information for Data Science Certificate

Spring 2024 enrollment is around the corner! Please carefully read this entire email for enrollment information.

## IN THIS NEWSLETTER

1. Important dates and deadlines
2. Advising
3. Enrollment holds
4. Priority enrollment
5. Slow roll out process
6. Spring courses for Data Science Certificate
7. Planning to graduate Spring 2024?

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

- **October 18** – Spring 2024 courses available on Course Search & Enroll
- **November 6** – Spring term enrollment appointment times assigned to students throughout this week (check your MyUW Student Center and @wisc.edu email inbox)
- **November 13** - Students begin enrolling for Spring 2024 term courses according to appointment times

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## ADVISING

Email [dscert@stat.wisc.edu](mailto:dscert@stat.wisc.edu) or attend Zoom drop-in advising for MINIMAL or QUICK questions about spring enrollment. Drop-in advising is also available every [Thursday from 1-2pm on Zoom](#) (except November 23).

Schedule a [Starfish](#) advising appointment for complex questions, unique situations, or you want to discuss creating a course plan BEYOND the spring 2024 semester. I am unavailable November 23 & 24 for Thanksgiving Break.

**Please see the following links if you have further questions.**

- STAT course enrollment FAQ: <https://stat.wisc.edu/courses-and-enrollment/>
- COMP SCI course enrollment FAQ: <https://www.cs.wisc.edu/courses-2/>
- How to run a DARS report: <https://registrar.wisc.edu/dars-student/>

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## ENROLLMENT HOLDS

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

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## PRIORITY ENROLLMENT

Some advanced courses will give priority enrollment for declared Data Science certificate students. These courses include L I S 461, STAT 340, STAT 405, and STAT 436.

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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 DS students access to enroll before non-declared students.

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## **SLOW ROLL OUT PROCESS**

(STAT 240; COMP SCI 320, COMP SCI 537, COMP SCI 540, and COMP SCI 564)

Seats for these courses will slowly be added during the senior and junior enrollment periods. Please enroll at your preferred section at your enrollment time. If your preferred section is full, check again the next day to see if more seats have been added.

Once all seats have been added to these courses, a waitlist will go into effect. You will then be welcome to waitlist for a seat and see if space becomes available.

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## **SPRING COURSES FOR DATA SCIENCE CERTIFICATE**

[Click here to view the full curriculum.](#) We recommend only one or two data science/coding/quantitative courses per semester. Remember a certificate is meant to compliment your major.

### **Foundation Requirement 1: L I S 461 Data and Algorithms: Ethics and Policy**

Must be declared in Information Science or Data Science in order to enroll.

*Please double-check that you are enrolling in the correct lecture section, it will likely be impossible to switch later on!*

- **Lec 001 is 4 credits** (lecture and discussion) which will count for Humanities and Communication B.
- **Lec 002 and 003 is 3 credits** (lecture only) which will count for Humanities.

### **Foundation Requirement 2: (Complete 2 courses from this list)**

*Students who have COMP SCI 300 completion SHOULD take COMP SCI 320. If you feel that you should take COMP SCI 220 instead of 320, please schedule a meeting with me to discuss about this!*

1. **COMP SCI 220** Data Science Programming 1 (4 cr) **OR** **COMP SCI 320** Data Science Programming 2 (4 cr)
2. **STAT 240** Introduction to Data Modeling I (4 cr)
3. **E C E 204** Data Science & Engineering (3 cr) *NEW lecture splits for spring 2024!*
  - a. Lec 001 is for freshmen, sophomores, and juniors only
  - b. Lec 002 is for seniors only

### **Elective Courses (Complete 2 courses, at least 3 credits should be from the fundamental elective list)**

Please go to the [Guide Page](#) to find the full list of electives.

- **ECON 695** has two topic courses to choose from which are (1) Econometrics for Big Data and (2) Empirical Methods in Microeconomics
  - **BIOCORE 384, SOC 362, and BIOCHEM 570** are spring only courses.
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- **GEOG 378, 574, and 579** are restricted to graduate students only and will not be available for undergraduate enrollment.

### Below are **NEWLY** approved elective courses.

The following courses will not appear in Guide or DARS until Fall 2024. Students who enroll in these courses prior to Fall 2024 will be contacted if they wish to have a DARS exception added to their record after the spring course drop notation deadline. Please read course requisites carefully to check for enrollment eligibility as some are restricted to specific student populations.

- **Foundation – Data Ethics**
  - E C E 570 Ethics of Data for Engineers
    - Non-declared engineering students are unable to enroll
- **Fundamental Electives**
  - COMP SCI 565 Introduction to Data Visualization
  - GEN BUS 656 Machine Learning for Business Analytics ([offered spring 2024](#))
    - Only for Business majors
  - Math 444 Graphs and Networks in Data Science ([offered spring 2024](#))
  - PHYSICS 361 Machine Learning in Physics ([offered spring 2024](#))
- **Domain Electives**
  - L I S 440 Navigating the Data Revolution: Concepts of Data & Information Science ([offered spring 2024](#))
    - Only Information Science majors
  - LSC 460 Social Media Analytics ([offered spring 2024](#))
    - Only for Life Sciences Communication majors
  - LSC 660 Data Analysis in Communications Research
  - SOC 618 Social Network Analysis

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### PLANNING TO GRADUATE SPRING 2024?

If you are planning to graduate in spring 2024, you **MUST** apply for graduation after enrolling in your courses. Please click here for a step-by-step guide on how to apply.

<https://kb.wisc.edu/registrar/4128>

Below are some 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/>