PhD Advanced Data Science Option

PhD students who wish to participate in the Advanced Data Science Option must meet the following requirements, in addition to the requirements for the PhD:

Additional Requirements

- Pass three of the following four courses:
  - Either **STAT 509**: Introduction to Mathematical Statistics, or for a more advanced approach, **STAT 512**: Statistical Inference. In the second case, students should consider also taking **STAT 513**, the next course in this sequence.
  - **CSE 546/STAT 535**: Foundational Machine Learning
  - **CSE 544**: Data Management
  - **CSE 512**: Data Visualization
- Students must register for four quarters in the weekly eScience Community Seminar, also known as **CHEM E 599**.

Recommended Study

It is recommended that students take a graduate-level course in linear algebra.

Registration

Current UW Math Graduate students that are interested in enrolling in this option, please fill out the form found [here](#).

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