

## MATHEMATICS ADVANCED DATA SCIENCE PHD OPTION

Use this form to request permission to move to the Advanced Data Science Option. After getting your advisor's signature, put this form in the Graduate Program Coordinator's mailbox for approval.

In addition to the Mathematics PhD requirements, you must complete the following 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](#).

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

**Student Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

I am requesting to be added to the Advanced Data Science Option and have obtained my advisor's approval below.

\_\_\_\_\_  
Student Signature

I acknowledge that I have discussed the option with the student and agree the student should be added to the Advanced Data Science Option.

\_\_\_\_\_  
Current Advisor Signature

I approve this change.

\_\_\_\_\_  
Graduate Program Coordinator Signature

*Please return this form to the Student Services Office, PDL C-36*

Office use:  DB    Petition:  Submitted     Approved