

# Data Science Certificate

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## Data Science Certificate Requirements

### 15 credits

Code	Title	Hours
CS 2500	Data Wrangling	3
CS 4300	Artificial Intelligence	3
CS 4320	Machine Learning	3
CS 4400	Data Mining	3
CS 4410	Data Visualization	3

## Completion Requirements

1. Complete all coursework with a C- or higher.
2. Cumulative GPA of 2.5 or higher.

## Data Science Certificate Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Prepare and analyze large amounts of data in a compute-efficient manner.
2. Interpret complex problems across heterogeneous datasets using compute-intensive solutions.
3. Determine and apply ethical, legal, and social responsibilities in all aspects of practice.
4. Express effective visual, oral, and written communication for a range of audiences.