Computational Data Science and Machine Learning Graduate Certificate courses that can apply to MSDS and MSCS programs

**MSDS**

- **Required Core Courses**
  - CS 6570
  - CS 6580
  - CS 6705

- **Elective MSDS Courses**
  - 6 credits required
  - CS 6600
  - CS 6700

**MSCS**

- **Computer Science Graduate Electives**
  - 9 credits required
  - Additional Graduate Electives
  - 6 credits required
  - CS 6570
  - CS 6580
  - CS 6600
  - CS 6700
  - CS 6705