

# COMMUNICATION WITH DATA, GRADUATE CERTIFICATE

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## Curriculum

To earn a certificate, students must complete the following four courses:

Course	Title
MS_IDS 409-DL	Data Management Principles
MS_IDS 452-DL	Intro to Data Collection and Analytics
MS_IDS 453-DL	Introduction to Techniques of Predictive Analytics
MS_IDS 455-DL	Visualization of Data and Text

In some cases, students who have completed equivalent coursework previously may be allowed to replace the required course with another course in the field.