

Advanced Certificate in Big Data Analytics (BDATA-ACT)

If you are a current CS MS student, contact your academic advisor for how to apply for the advanced certificate.

Required Courses:

CSCI 620 Introduction to Big Data

CSCI 720 Big Data Analytics

Electives – Choose two of the following:

CSCI 621 Database System Implementation

CSCI 622 Data Security and Privacy

CSCI 652 Distributed Systems

CSCI 654 Foundations of Parallel Computing

CSCI 721 Data Cleaning and Preparation

CSCI 722 Data Analytics Comp

CSCI 723 Advanced Graph Databases

CSCI 724 Web Services and Service-Oriented Computing

CSCI 729 Topics in Data Management

ISTE 612 Knowledge Processing Technologies

ISTE 724 Data Warehousing

ISTE 780 Data-driven Knowledge Discovery

Open Elective (*Students who wish to take a graduate elective course not listed must first obtain approval from the faculty advisor, Professor Carol Romanowski)