

**MS in Big data Analytics (MSBDA)**

**Fall**

**CSC5355** Big Data: introduction, environment and applications

**CSC5351** Deep Learning/Computational Neural Networks

**CSC5341** Inferential Statistics for Big Data

**CSC 5301** Advanced Database and Data warehousing

**SPRING**

**CSC 5354** NLP for Big data

**CSC5356** Data Engineering and Visualization

**CSC 5345** Machine Learning and Data Mining

**CSC5376** Web and Text mining **OR**

**CSC5398** Special topics in Big Data Analysis

**Summer**

CSC 5643 Master Project

**OR**

**CSC 5633** Master Thesis