



**BALL STATE  
UNIVERSITY**

**Course Offering Schedule**  
Master of Science in Data Science

# Course Offering Schedule

Master of Science in Data Science

*Course schedule and offerings are subject to change.*

## **Fall 2024**

- CS 617 Introduction to Programming
- CS 621 Foundations of Data Analytics
- DSCI 601 Introduction to Data Science and Data Ethics
- DSCI 602 Statistical Methods for Data Science
- DSCI 605 Data Visualization
- DSCI 607 Data Analytics for Environmental Science
- MATH 624 Introduction to Statistical Learning

## **Spring 2025**

- CS 617 Introduction to Programming
- CS 621 Foundations of Data Analytics
- DSCI 601 Introduction to Data Science and Data Ethics
- DSCI 602 Statistical Methods for Data Science
- DSCI 604 Data Storage and Management
- DSCI 605 Data Visualization
- DSCI 609 Data Analytics for Social Sciences
- MATH 628 Computational Methods in Statistics and Data Science

## **Summer 2025**

- CS 617 Introduction to Programming
- CS 621 Foundations of Data Analytics
- CS 654 Data Mining and Machine Learning
- DSCI 601 Introduction to Data Science and Data Ethics
- DSCI 602 Statistical Methods for Data Science
- DSCI 604 Data Storage and Management
- DSCI 605 Data Visualization
- DSCI 612 Programming with base SAS 9 for Data Science
- DSCI 686 Categorical Data Analysis

## **Fall 2025**

- ACC 610 Financial Analytics
- CS 617 Introduction to Programming
- CS 621 Foundations of Data Analytics
- DSCI 601 Introduction to Data Science and Data Ethics
- DSCI 602 Statistical Methods for Data Science
- DSCI 605 Data Visualization
- DSCI 606 Cloud Computing
- DSCI 607 Data Analytics for Environmental Science
- MATH 624 Introduction to Statistical Learning

## **Spring 2026**

- CS 617 Introduction to Programming

- CS 621 Foundations of Data Analytics
- CS 654 Data Mining and Machine Learning
- DSCI 601 Introduction to Data Science and Data Ethics
- DSCI 602 Statistical Methods for Data Science
- DSCI 604 Data Storage and Management
- DSCI 605 Data Visualization
- DSCI 609 Data Analytics for Social Sciences
- DSCI 610 Data Analytics for Health Sciences
- MATH 628 Computational Methods in Statistics and Data Science

**Summer 2026**

- CS 617 Introduction to Programming
- CS 621 Foundations of Data Analytics
- CS 654 Data Mining and Machine Learning
- DSCI 601 Introduction to Data Science and Data Ethics
- DSCI 602 Statistical Methods for Data Science
- DSCI 604 Data Storage and Management
- DSCI 605 Data Visualization
- DSCI 612 Programming with base SAS 9 for Data Science
- DSCI 686 Categorical Data Analysis

**Fall 2026**

- ACC 610 Financial Analytics
- CS 617 Introduction to Programming
- CS 621 Foundations of Data Analytics
- DSCI 601 Introduction to Data Science and Data Ethics
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