

# DATA ANALYTICS (DA)

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**DA 348 Data Discovery and Management (3)**

Students will identify and manipulate data that will provide actionable information to solve business problems. Prerequisite: BU 250, BU 248 or BU 258, and EC 211 or MA 346

**DA 358 Data Methods and Warehousing (3)**

Students will learn methods to process a variety of data types (unstructured and semi-structured) and to use technologies that convert, analyze and store large volumes of data. Unstructured and semi-structured data will be converted into information useful for problem solving. Prerequisite: BU 250 and BU 248 or BU 258, and EC 211 or MA 346

**DA 368 Data Mining and Modeling (3)**

Students will learn technologies that can be used to discover relationships among data. These relations can be used to create models used to predict or classify new data. Prerequisite: BU 250 and BU 248 or BU 258 and EC 211 or MA 346

**DA 478 Data Analytics Applied - Practicum (3)**

Students will apply the data analytics process, including data discovery, transformation, organization, and modeling, to a real-world project and learn to effectively communicate the solutions. Prerequisite: DA 348 and DA 358 and DA 368.