BIG DATA ANALYTICS (CERTIFICATE M0452)

Business Division
Certificate M0452
The curriculum is designed for returning CIS, business, marketing, and data analytics professionals with industry experience or students who have completed CIS courses. A CIS certificate in Big Data Analytics will provide students with the knowledge and skills to obtain jobs in the areas of data science, data analysis, Big Data, and data mining. Students will learn how to make business decisions based upon the analysis of large amounts of data. Students will learn about processing, integrating, modeling, mining, and analytics related to Big Data. Students will use frameworks, tools, services, and programming languages to analyze data.

Required Courses

Course Prefix	Course Name	Units
CISD 41	Introduction to Data Science	3.5
CISD 42	Big Data Integration and Processing	3.5
CISD 43	Big Data Modeling and Analysis	3.5
Total Units		**10.5**

CIS Program Website (https://www.mtsac.edu/cis/)

Program Learning Outcomes

Review Student Learning Outcomes (SLOs) (http://www.mtsac.edu/instruction/outcomes/sloinfo.html) for this program.