Minor in Applied Data Analytics

The Minor in Applied Data Analytics is designed for undergraduate students seeking to gain entry-level, practical knowledge and skills to prepare for career pathways in data analytics, operational analytics, big data, and data management.

Through this program, students will learn how to collect, analyze, and interpret large datasets using powerful tools and techniques. The curriculum provides hands-on experience with statistical methods, data visualization, and predictive modeling. Students will also develop critical thinking and communication skills, allowing them to effectively translate complex data into actionable insights that drive decision-making in any organization.

Applied data analytics involves analyzing data sets to uncover trends, patterns, and actionable insights that can help solve real-world problems. Professionals in this field use various tools and techniques, including statistical analysis, data visualization, and machine learning algorithms, to turn raw data into valuable information.

Code	Title	Hours
ITEC 302	Python, Algorithms, and Data Structures	3
ITEC 314	Fundamentals of Applied Data Analytics	3
ITEC 316	Database Applications	3
ITEC 404	Fundamentals of Data Visualization	3
ITEC 406	Data Mining and Intelligence	3
ITEC 412	Predictive Analytics and Forecasting	3
Total Hours		**18**