MASTER of SCIENCE

DATA ANALYTICS

AMBERTON UNIVERSITY · 1971

Program Overview

The mission of the Master of Science in Data Analytics program is to prepare students to be competent data analysts in an organization. This program will provide a curriculum that focuses on both the application of analytical software and the fundamental techniques needed to analyze data. This program concentrates on educating students on the concepts of operations research, analytics, mathematics, statistics, and database management. The program is offered through a combination of on-campus and online courses or 100% online.

M.S. Data Analytics Degree Plan

I. Prerequisites (Bachelor's in business or the following course)	
BUS4605 Business Acumen	3 Hours
II. Required Graduate Studies	**6 Hours**
RGS6035 Theory & Application of Research Methods	3 Hours
RGS6036 Ethics for Decision Making	3 Hours
III. Major Requirements (5000/6000 level courses)	**15 Hours**
COM5469 Managerial Communication	3 Hours
MGT6460 Applied Business Analytics	3 Hours
MGT6785 Applied Predictive Analytics	3 Hours
MGT6790 Applied Database Management	3 Hours
MGT6795 Applied Storytelling & Visualization	3 Hours
IV. Electives (5000/6000 Levels)	**9 Hours**
Business Administration Electives (Selected from courses with the following prefixes: BUS, ECO, FIN, MGT, MIS, MKT)	9 Hours
Totals: (Excluding Program Prerequisites)	**30 Hours**

See current catalog for prerequisites.

Graduate certificates may be completed while fulfilling degree requirements. See the University website for a listing of certificates offered.