

DATA ANALYTICS, ASSOCIATE OF APPLIED SCIENCE

Course	Title	Hours
First Semester		
ENGL 1301	Composition I	3
MATH 1342	Elementary Statistical Methods	3
COSC 1436	Programming Fundamentals I	4
BCIS 1305	Business Computer Applications	3
XXXX X3XX Social/Behavioral Science Elective (CORE)		3
Hours		16
Second Semester		
XXXX X3XX Language/Philosophy/Culture Elective (CORE)		3
ITSW 2434	Advanced Spreadsheets	4
ITSE 1303	Introduction to MySQL	3
COSC 1437	Programming Fundamentals II	4
Hours		14
Third Semester		
MATH 1332	Contemporary Mathematics (Quantitative Reasoning)	3
ITSE 1346	Database Theory and Design	3
ITSW 2437	Advanced Database	4
ITDA 2475	Introduction to Machine Learning	4
Hours		14
Fourth Semester		
ITDA 2471	Data Visualization	4
ITDA 1471	Data Processing and Analysis Local Needs	4
ITDA 1472	Statistical Computing	4
ITDA 2472	Introduction to Big Data	4
Hours		16
Total Hours		60

Note: All Data Analytics courses require a grade of "C" or better.