

CLARION UNIVERSITY OF PENNSYLVANIA
MS in Applied Data Analytics
College of Business Administration and Information Sciences
Requirement Sheet

NAME: _____ CLARION ID _____

Prerequisites to full program entry:

Undergraduate programming course CR _____ Course _____
 Undergraduate statistics course CR _____ Course _____

Required Courses

(Core Courses and Elective must total 30 credits)

	<u>CR</u>	<u>Grade</u>	<u>Term</u>
DA 510: Database Management Systems	3	_____	_____
DA 520: Introduction to Data Warehousing	3	_____	_____
DA 530: Analytical Methods & Optimization	3	_____	_____
DA 540: Applied Data Mining	3	_____	_____
DA 555: Applied Predictive Modeling & Analytics	3	_____	_____
DA 560: Data Visualization	3	_____	_____
DA 570: Big Data Analytics	3	_____	_____
DA 580: Analytics Capstone	3	_____	_____
Elective	3	_____	_____
Elective	3	_____	_____

Electives chosen from the following list to total 30 credits:

- CIS 535 – Machine Learning
- CIS 570 – Project Management
- DA 512 – Special Topics in Data Analytics
- DA 590 – Field Experience in Data Analytics
- DA 591 – Python Programming for Data Analytics
- Other related graduate courses as approved by the program coordinator