PennWest UNIVERSITY

Graduate Program Requirements

Required Major Courses: (33 Credits)

- ☐ DSA 5100 Database Management Systems and Data Warehousing
- ☐ DSA 5220 Python Programming for Data Science
- ☐ DSA 5300 Analytical Methods and Optimization
- ☐ DSA 5400 Applied Data Mining
- ☐ DSA 5500 Applied Predictive Modeling and Analytics
- ☐ DSA 6100 Data Preparation and Cleaning
- ☐ DSA 6200 Data Visualization
- ☐ DSA 6300 Big Data Tools
- ☐ DSA 6400 Big Data Analytics
- ☐ DSA 6900 Data Science and Analytics Capstone I
- ☐ DSA 6950 Data Science and Analytics Capstone II