

## Assurance of Learning Assessment Matrix – MS Business Analytics and Risk Management

Program Goals	Program Learning Objectives	Courses	Assessments
Apply core concepts and methods to solve problems in business analytics and risk management	1.1 Students will develop descriptive analysis skills for business decision-making.	BU.520.650 Data Visualization	COVID Dashboard
	1.2 Students will develop predictive analysis skills for business decision-making.	BU.510.601 Statistical Analysis	Sampling and Confidence Intervals — Mini-case Assignment
		BU.510.650 Data Analytics	Logistic Regression and Classification Assignment
	1.3 Students will develop prescriptive analysis skills for business decision-making.	BU.520.601 Business Analytics	Problem: Hyperloop
	1.4 Students will recommend strategies for better risk management through business analytics.	BU.680.620 Operations Management	Newsvendor Problem
Function effectively in complex business organizations	2.1 Students will develop modeling skills that distill the trade-offs inherent in business or societal challenges into analytics questions.	BU.520.601 Business Analytics	Problem: Beyond Armor
	2.2 Students will apply analysis skills to go from raw data to actionable insights that improve business and societal outcomes.	BU.680.620 Operations Management	Newsvendor Problem
Communicate effectively in business settings	Students will build convincing narratives for business recommendations, backed with data.	BU.520.650 Data Visualization	COVID Dashboard