

MS-Data Analytics in Business: Curriculum Flow

Two courses per term
(based on Autumn start)

	Year 1				Year 2			
	Autumn	Winter	Spring	Summer	Autumn	Winter	Spring	Summer
Pre-requisite Excel® MOS Certification								
Foundations (as needed)	BUS 6170 Management Information Systems			BUS 6171 Statistics for Decisionmaking			BUS 6150 Managerial Marketing	
Ethical Perspectives	BUS 6201 Christian Faith, Values & the Marketplace					BUS 6202 Business Ethics		
Leadership & Behavioral Skills				BUS 6260 Managerial Communication	BUS 6266 Leadership in Organizations			
Specialized Knowledge		ISM 6212 Data Management & Warehousing	ISM 6255 Knowledge Management & Business Intelligence		ISM 6353 Statistical Programming: R	ISM 6354 Statistical Programming: Python		ISM 6358 Data Analytics for Decisionmaking
		ISM 6359 Data Mining	ISM 6361 Data Visualization					ISM 6362 Big Data & Cloudbased Tools
							BUS 6351 Marketing Analytics or ISM 6331 Information Systems Security	
					ISM 6969 Consulting Practicum (Optional internship in place of ISM 6358)			
Other electives (as needed if Foundations courses were previously satisfied)				Elective(s) (if Foundations previously satisfied)				