

PROGRAM SPECIFICATION

1. PROGRAM STRUCTURE DIAGRAM (Indicative)									
YEAR 1		YEAR 2		YEAR 3			YEAR 4		
Fall 15cr	Spring 15 cr	Fall 15cr	Spring 15cr	Fall15 cr	Spring15 cr	Summer 3cr	Fall15 cr	Spring15 cr	
ENGL101 English Communication Skills I	ARAB101 Arabic	MRKT201 Principles of Marketing (CR) P: ECON101	DSDM241 Data Mining Process and Techniques P: DSAG235	INTE110 Web Application Development P: DSDM241	DSBI 361 Advanced Business Analytics P: DSPG355, DSBI245	DSIN470 Internship P: DSBI 361	DSTW471 Technical Writing and Research Methods P: DSBI 361	DSBD481 Big Data Analytics P: DSBI 472	
INTE101 Information Technology Fundamentals	MATH102 Calculus II (CR) P: MATH101	DSSC231 Introduction to Data Science P: INTE105	DSBI242 International Business P: MRKT201	OMNS101 Oman Society	DSNT362 Networking and Data Communication P: DSBI353		DSBI 472 Forecasting and Risk Analysis P: DSBI 361	DSDV482 Data Exploration, and Visualization P: DSDB242	
MATH101 Calculus I CR	ECON101 Principles of Microeconomics (CR) P: MNGT201	INTE 205 Fundamentals of Databases P: INTE105	ECON201 Principles of Macro Economics (REQ ACCT101, ECON101) (CR)	DSBI353 Introduction to software Engineering. P: DSDM241	DSIS363 Introduction to Information Security P: INTE110		DSDB242 Advanced Databases P: DSML364, INTE205	DSPM483 Capstone Project P: DSTW471, DSIN470	
DSBA113 Essentials to Business Analytics MR	INTE105 Introduction to Computer Programming P : INTE101	ACCT101 Introduction to financial Accounting P: ECON101	MNGT313 Entrepreneurship UR	DSAI354 Artificial Intelligence Concepts P : DSDM241	DSML364 Machine Learning Techniques P: DSAI354		Major Elective I P: DSML364	Major Elective II P: DSML364	
MNGT201 Principle of Management CR	MIFS307 Business Application Development CR P: MNGT201	DSAG235 Algorithms and Data Structure P: INTE105	DSBI245 Intermediate Business Analytics P: DSSC231, DSBA113 MR	DSPG355 Intermediate Computer Programming P: DSDM241, INTE105	University Elective 1 UR P:MNGT313		DSSM474 Deep Learning P: DSML364	University Elective 2 UR P: University Elective 1	
									* BACHELOR AWARD *
KEY:		UNIVERSITY REQUIREMENT		UNIV. ELECTIVES		PROGRAM REQUIREMENT			