


College of Commerce and Business Administration				
		Plan of Study		
		Bachelor of Science in Business Analytics		
Semester	Course Code	Title	Credits	Pre-requisite
Year I				
(1) Fall	BUSS 101	Principles of Management	3	FPE 103C
	BUSS 102	Principles of Financial Accounting	3	FPE 103C
	MISS 221	Introduction to Information Systems	3	FPT 102B
	MATH 103B	Mathematics for Business	3	FPM 102B
	ENGL 101	Basic Academic English	3	FPE 103C
Total of Credits			15	
(2) Spring	BUSS 103	Principles of Marketing	3	FPE 103C
	SOCS 102	Omani Society	3	BUSS 102
	MISS 224	Introduction to Information and Data Management	3	MISS 221
	ENGL 102B	English for Business I	3	ENGL 101
	BSBA 111	Introduction to Information Security	3	MISS 221
Total of Credits			15	
Year II				
(3) Fall	BSBA 211	Introduction to Big Data	3	MISS 224
	BUSS 307	Statistics for Business I	3	MATH 103B
	ENGL 203B	English for Business II	3	ENGL 102B
	BUSS 201	Principles of Microeconomics	3	BUSS 101/BUSS 102
	BSBA 212	Foundations of Decision Analysis	3	MISS 224 - BSBA 111
Total of Credits			15	
(4) Spring	BSBA 213	Database Analysis & Design using SQL	3	MISS 224
	BSBA 214	Statistics for Business II	3	BUSS 307
	BSBA 215	Business Programming I	3	BSBA 111 and BSBA 211
	BSBA 216	Introduction to Data Analytics for Business	3	BSBA 211
	MISS 414	Business Intelligence	3	BSBA 211
Total of Credits			15	
Year III				
(5) Fall	BSBA 311	Knowledge Discovery and Data Mining I	3	BSBA 215-BSBA 216
	ENTR 200	Entrepreneurship - Innovation & Creativity	3	ENGL 203B
		Major General Elective Course	3	60 credits or more
	BSBA 312	Business Programming II	3	BSBA 215
	BSBA 313	Business Finance	3	BSBA 215/BSBA 216
Total of Credits			15	
(6) Spring	BSBA 314	Data Visualization I	3	BSBA 216
	BUSS 204	Business Law and Ethics	3	BUSS 201
	BSBA 315	Data Analysis and Decision Modeling	3	BSBA 311
	BSBA 316	Knowledge Discovery and Data Mining II	3	BSBA 311
	BSBA 317	Accounting Analytics	3	BSBA 313
	BSBA 300	Internship in BSBA (Two Months)	3	completed 81 credits
Total of Credits			18	
Year IV				
(7) Fall	BUSS 401	Research Methods	3	BSBA 314 / BSBA 316
	MISS 416	IS Project Management	3	BSBA 315
	BUSS 312	e-Business	3	BSBA 314
	BSBA 411	Social Network Analytics	3	BSBA 314 and BSBA 315
		Skills for Life (Elective)	3	81 credits or more
Total of Credits			15	
(8) Spring	BSBA 412	Data Visualization II	3	BSBA 314
	BSBA 413	Emerging Topics in Business Analytics	3	BSBA 315 and BSBA 317
	BSBA 414	Data Analysis using R and Python	3	BSBA 316
		Major Elective Course	3	99 credits or more
	BUSS 404	Final year Project	3	BUSS 401
Total of Credits			15	
Total of Credits			123	

Major Electives BSBA - (One course - 3 credits) -Year 4: Semester 8				
(8) Spring	BSBA 415	Cloud Computing for Business		BSBA216 & BSBA313
	MISS 223	Systems Analysis and Design		MISS 221
	BSBA 416	IoT Application in Business		BSBA 312
	BSBA 417	Building Codeless Applications		BSBA 312
	BSBA 418	Blochchain Application for Business		BSBA216

Major General Electives from the College - (One course - 3 credits) -Year 3: Semester 5				
(5) Fall	ACCT221	Intermediate Accounting I		
	ACCT 222	Managerial Cost Accounting		
	ACCT 223	Financial Statement Analysis		
	FINA 221	Money and Capital Markets		
	FINA 222	Commercial Bank Management		
	FINA 223	Financial Services		
	MNGT 221	Organizational Behavior		
	MNGT 222	Human Resources Management		
	MNGT 223	Operations Management		
	MKTG 221	Consumer Behavior		
	LSCM 221	Fundamentals of Logistics and Supply Chain Management		
MKTG223	Service Marketing			

Skills for Life Courses - (One course - 3 credits) -Year 4: Semester 7				
(4) Spring	NUTR150	Food and Nutrition		
	PHIL160	Critical and Creative Thinking		
	PSYC250	Personal Development		
	HIND101	Elementary Hindi I		
	CHEN 101	Elementary Chinese		
	ITAL 101	Elementary Italian		
	FREN 101	Elementary French I		
	ENVR150	Introduction to Environmental Studies		