جامعة اليمامة
Al Yamamah University

Bachelor of Science in Business Administration (BSBA)
MIS Major Study Plan - Total: 127 Credits

Year 1 - Freshmen: Fall Semester

#	Code	Course Title	Credits	Prerequisites
1	ECO 101	Principles of Microeconomics	3	ORN 4R and ORN 4C
2	MGT 101	Introduction to Management	3	ORN 4R and ORN 4C
3	MTH 100	Mathematics for Business	3	ORN 4R and ORN 4C
4	ISL 101	Foundation of Islamic Culture	2	ORN 2R and ORN 2C
5	ARB 102	Communication Skills in Arabic	2	ORN 2R and ORN 2C
6		Social Sciences/Humanity Electives I	3	ORN 4R and ORN 4C
		Total	**16**	

Year 1 – Freshmen: Spring Semester

#	Code	Course Title	Credits	Prerequisites
1	ENG 101	English Essay Writing	3	ORN 5R and ORN 5C
2	ECO 105	Principles of Macroeconomics	3	ECO 101
3	MTH 110	Business Calculus	3	MTH 100
4	ACC 201	Financial Accounting	3	ECO 101
5	MIS 110	Business Computing	3	ORN 5R and ORN 5C
6		Natural Science Elective	3	ORN 4R and ORN 4C
		Total	**18**	

Year 2 – Sophomore: Fall Semester

#	Code	Course Title	Credits	Prerequisites
1	MKT 201	Introduction to Marketing	3	ECO 105
2	STT 201	Business Statistics and Analysis	3	MTH 110
3	MIS 201	Introduction to MIS	3	MIS 110
4	ACC 202	Management Accounting	3	ACC 201
5	FIN 202	Introduction to Finance	3	ACC 201
6	MGT 220	Organizational Behavior	3	MGT 101 and ECO 105
		Total	**18**	

Year 2 – Sophomore: Spring Semester

#	Code	Course Title	Credits	Prerequisites
1	ARB 202	Writing Skills in Arabic	2	ORN 2R and ORN 2C
2	MIS 316	Fundamentals of Programming I	3	MIS 201
3	MIS 328	Business Telecommunications	3	MIS 201
4	ENG 202	Tech Report and Business Writing	3	ENG 101
5	MGT 210	Business Communication	3	ORN 5R, ORN 5C & MGT101
6		Social Sciences/Humanity Electives II	3	
		Total	**17**	

Year 3 – Junior: Fall Semester

#	Code	Course Title	Credits	Prerequisites
1	MGT 304	Quantitative Methods for Business	3	STT 201
2	MGT 310	Executive Seminar Series	1	70 Credits
3	MIS 317	Fundamentals of Web Design	3	MIS 316
4	MIS 326	Systems Analysis and Design	3	MIS 316
5	MIS 327	Database Management and Design	3	MIS 316
6	MGT 314	Business Ethics and Social Responsibility	3	MGT 220 and ENG 101
7	ISL 202	Financial Awareness	2	ORN 2R and ORN 2C
		Total	**18**	

Year 3 – Junior: Spring Semester

#	Code	Course Title	Credits	Prerequisites
1	MGT 308	Entrepreneurship and Innovation	3	MGT 220 and ENG 101
2	MGT 330	Operation Management	3	MGT 304 and ENG 101
3	MIS 329	D. Support and Business Intelligence*	3	MIS 327
4	MIS 423	Web Based Applications	3	MIS 317 and MIS 327
5	MIS 431	Project Management	3	MIS 326
	MGT 306	Legal Environment of Business	3	MGT 220 and ENG 101
		Total	**18**	

*****Decision Support and Business Intelligence.

Year 4 – Senior: Fall Semester

#	Code	Course Title	Credits	Prerequisites
1	MGT 495	Strategic Management	3	MGT 330 + 100 Credits
2	MIS 427	Information Security Risk Management	3	MIS 328
3	MIS Elective	Major Elective I	3	
4	MIS Elective	Major Elective II	3	
5	MIS 492	MIS Senior Project	3	100 credits
6	MIS 401	National Exam Review	1	100 credits
		Total	**16**	

Year 4 – Senior: Spring Semester

#	Code	Course Title	Credits	Prerequisites
1	MIS 498	Coop Training Internship*	6	120 Credits

* Before taking the COOP, it is advisable to take CSK 001, a one-week long, non-credit, career skill course.

Major Required and Elective Courses

MIS Major Requirements

#	Code	Course Title	Credits	Prerequisite
1	MIS 316	Fundamental of Programming I	4	MIS 201
2	MIS 317	Fundamentals of Web Design	3	MIS 316
3	MIS 326	System Analysis and Design	3	MIS 316
4	MIS 327	Database Management and Design	3	MIS 316
5	MIS 328	Business Telecommunications	3	MIS 201
6	MIS 329	Decision Support and Business Intelligence	3	MIS 327
7	MIS 423	Web Based Application	3	MIS 327 & MIS 317
8	MIS 427	Information Security Risk Management	3	MIS 328
9	MIS 431	Project Management	3	MIS 326
10	MIS 492	MIS Senior Project *	3	100 credits
11	MIS 498	COOP Training Internship	6	120 credits

*The credit hours of the senior project are reduced to three instead of four credits.

MIS Major Elective Courses (any Two)

#	Code	Course Title	Credits	Prerequisite
1	MIS 308	Artificial Intelligence	3	MIS 201
2	MIS 318	Data Analytics	3	MIS 201
3	MIS 428	Healthcare Information System	3	MIS 327
4	MIS 429	Data Mining and Analysis	3	MIS 329
5	MIS 430	Advanced Topics of Information Systems	3	MIS 327
6	MIS 435	Knowledge Management Systems	3	MIS 201
7	MIS 432	Enterprise Systems	3	MIS 327
8	MIS 433	Int. B. and Web Applications Development*	3	MIS 316
9	MIS 434	Human Resource Information Systems	3	MIS 327
10	MIS 436	Mobile Computing	3	MIS 327

*Internet Business and Web Applications Development.