



## Degree and Study Plan

College: Commerce and Economics  
 Department: Operations Management & Business Statistics  
 Cohort: 2010 - 2012  
 Degree: Bachelor of Science  
 Major: Business Statistics  
 Specialization:

<b><u>Summary of Credits:</u></b>		
<b>University Requirements (UR)</b>		<b>6</b>
Foundation Program	NC <sup>+</sup>	
Arabic	3	
Contemporary Omani Society	1	
Oman & Islamic Civilization or Islamic Culture	2	
<b>University Electives (UE)</b>		<b>6</b>
See List A		
<b>College Requirements (CR)</b>		<b>60</b>
See list B		
<b>College Electives (CE)</b>		<b>0</b>
See list C		
<b>Departmental Requirements (DR)</b>		<b>0</b>
See list D		
<b>Departmental Electives (DE)</b>		<b>0</b>
See list E		
<b>Major Requirements (AR)</b>		<b>24</b>
See list F		
<b>Major Electives (AE)</b>		<b>9</b>
See list G		
<b>Specialization Requirements (SR)</b>		<b>0</b>
See list H		
<b>Specialization Electives (SE)</b>		<b>0</b>
See list I		
<b>Minor Requirements (IR)</b>		<b>9</b>
See list J		
<b>Minor Electives (IE)</b>		<b>9</b>
See list K		
<b>TOTAL</b>		<b>123</b>

<sup>+</sup> Not Credited

For reference contact:	HoD	Ext. 1857
	HoD	Date
	Dean's Office	Date
	Admission and Registration	Date

## Department of Operations Management and Business Statistics:

### Study Plan for 2010 - 2012 Cohorts (Scheme I)

		Course Code	Course Title	Cr.	Pre-req./Co-req.*	Cat.
Semester 1 Fall			<b>Foundation Program</b>	<b>0</b>		UR
			<b>Foundation Program</b>	<b>0</b>		UR
Semester 2 Spring			<b>Foundation Program</b>	<b>0</b>		UR
		<b>Total</b>		<b>0</b>		
Semester 3 Fall		ARAB1001	Arabic	3		UR
		LANC1070	English for Business I	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604, LANC2033*, LANC2035*, LANC1113*, LANC1115*, LANC1117*, LANC1073*, LANC2140*, LANC2058*, LANC2160*, LANC1016*	CR
		MATH1103	Business Mathematics	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604 + FPMT0103	CR
		MNGT1515	Principles of Management	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604	CR
		HIST1010 OR ISLM1010	Oman & Islamic Civilization OR Islamic Culture	2		UR
		<b>Total</b>		<b>14</b>		
Semester 4 Spring		ACCT1112	Introductory Financial Accounting	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604 + FPMT0101	CR
		ECON1211 OR ECON2221	Principles of Microeconomics OR Macroeconomics	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604 + FPMT0101	CR
		LANC1071	English for Business II	3	LANC1070, LANC1070 or LANC2033 or LANC2035 or LANC1113, or LANC1115 or LANC1117 or LANC1073 or LANC2140 or LANC2058 or LANC2160 or LANC1016	CR
			University Elective(1)	3		UE
		STAT1811	Business Statistics I	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604 + FPMT0103	CR
		<b>Total</b>		<b>15</b>		
Semester 5 Fall		ACCT2121	Introductory Management	3	ACCT1112	CR
		ECON1211 OR ECON2221	Principles of Microeconomics or Macroeconomics	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604 + FPMT0101	CR
		LANC2070	English for Business III	3	LANC1071	CR
		POMG2712	Operations Management	3	STAT1811	CR
			University Elective(2)	3		UE
		<b>Total</b>		<b>15</b>		
Semester 6 Spring		FINA3311	Principles of Finance	3	ACCT2121	CR
		INFS2412	Introduction to Management Information Systems	3	LANC2070	CR
		MRKT3611	Principles of Marketing	3	ECON1211+ECON2221	CR
		BCOM2911	Business Communication	3	LANC2070	CR
		SOCY1001	Contemporary Omani Society	1		UR
		MNGT2515	International Business	3	MNGT1515 + LANC2070	CR
	<b>Total</b>		<b>16</b>			

## Department of Operations Management and Business Statistics:

### Study Plan for 2010 - 2012 Cohorts (Scheme I)

	Course Code	Course Title	Cr.	Pre-req./Co-req.*	Cat.
<b>Semester 7 Fall</b>	STAT 3812	Business Statistics II	3	STAT1811	AR
	STAT3821	Mathematical Statistics for	3	STAT3812*	AR
	STAT 4842	Survey Design & Sampling	3	STAT1811	AR
	STATXXXX	Major Electives	3		AE
	BCOM3921	Public Speaking for Business	3	BCOM2911	CR
	<b>Total</b>		<b>15</b>		
<b>Semester 8 Spring</b>	STAT 3831	Regression Analysis for Business	3	STAT3812	AR
	STAT 3832	Time Series Forecasting for	3	STAT3812	AR
	STAT 3841	Design & Analysis of Experiments	3	STAT3812	AR
	BCOM4931	Technical Writing for Business	3	BCOM2911	CR
	STAT 4832	Data Mining with Statistical Methods	3	STAT3831*	AR
	<b>Total</b>		<b>15</b>		
<b>Semester Summer</b>	STAT4861 <sup>1</sup> <b>OR</b> STAT4879	Senior Project in Business Statistics <b>OR</b> Summer Internship in Business Statistics	3	Consent of the Department	AR
	<b>Total</b>		<b>3</b>		
<b>Semester 9<sup>2</sup> Fall</b>	ACCT4181	Business Law	3	BCOM3921	CR
	STATXXXX	Major Electives	3		AE
	STATXXXX	Major Electives	3		AE
		Major Electives / Minor	3		
		Major Electives / Minor	3		
	<b>Total</b>		<b>15</b>		
<b>Semester 10 Spring</b>	MNGT4541	Strategic Management	3	MNGT2515+ BCOM4931	CR
		Major Electives / Minor	3		
		Major/ Minor Electives	3		
		Major/ Minor Electives	3		
		Major/ Minor Electives	3		
	<b>Total</b>		<b>15</b>		

<sup>1</sup> Should be taken during Summer or in Semester 8 or 9 with the consent of advisor

<sup>2</sup> With consent of advisor & HoD, 6 courses (18 Credits) may be selected for a Minor (9 Credits as Core & 9 Credits as Electives) from any other Major. If the student doesn't want to have a Minor, he/she will carry on taking courses from the same Major.

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**LIST A – UNIVERSITY ELECTIVES (6 Credits)**

**General Electives are standard regular courses offered by any college in the University, which the student may freely choose to take (subject to fulfilling prerequisite requirements). Courses that students may take should not duplicate with other courses already taken.**

**Exceptions of examples of courses that are NOT considered as general electives for CCE students since they overlap with existing courses in the CCE degree plans:**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>College/Dept</b>
CAMS2001	Microcomputers	3	Agriculture
INFO1030	The Internet	2	Arts
BCOM1950	Varieties of Public and Professional Communication	3	Commerce
BCOM1960	Cross-Cultural Communication	2	Commerce
ECON1050	Introduction to Economics	3	Commerce
COMP1100	Personal Computer Applications in Arabic	2	Science
COMP1200	Personal Computers and Software Packages	2	Science
MATH1106	Pre-Calculus Mathematics	4	Science
MATH1192	Mathematics for Agriculture I	4	Science
MATH2193	Mathematics for Agriculture II	3	Science
STAT1001	Introduction to Statistics	4	Science

**Department of Operations Management & Business Statistics - Degree Plan for 2010 - 2012**

**LIST B: COLLEGE REQUIREMENTS (60Credits)**

<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Pre-requisite / Co-req. *</b>
LANC1070	English for Business I	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604, LANC2033*, LANC2035*, LANC1113*, LANC1115*, LANC1117*, LANC1073*, LANC2140*, LANC2058*, LANC2160*, LANC1016*
LANC1071	English for Business II	3	LANC1070, LANC1070 or LANC2033 or LANC2035 or LANC1113, or LANC1115 or LANC1117 or LANC1073 or LANC2140 or LANC2058 or LANC2160 or LANC1016
LANC2070	English for Business III	3	LANC1071
MATH1103	Business Mathematics	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604 + FPMT0103
ACCT1112	Introductory Financial Accounting	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604 + FPMT0101
ACCT2121	Introductory Management Accounting	3	ACCT1112
ACCT4181	Business Law	3	BCOM3921
BCOM2911	Business Communication	3	LANC2070
BCOM3921	Public Speaking for Business	3	BCOM2911
BCOM4931	Technical Writing for Business	3	BCOM2911
ECON1211	Principles of Microeconomics	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604 + FPMT0101
ECON2221	Principles of Macroeconomics	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604 + FPMT0101
FINA3311	Principles of Finance	3	ACCT2121
INFS2412	Introduction to Management Information Systems	3	LAN2070
MNGT1515	Principles of Management	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604
MNGT2515	International Business	3	MNGT1515 + LANC2070
MNGT4541	Strategic Management	3	MNGT2515 + BCOM4931
MRKT3611	Principles of Marketing	3	ECON1211+ECON2221
POMG2712	Operations Management	3	STAT1811
STAT1811	Business Statistics I	3	FPEL0601 or FPEL0602 or FPEL0600 or FPEL0603 or FPEL0560 or FPEL604 + FPMT0103
<b>Total</b>		<b>60</b>	

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**LIST F: MAJOR REQUIREMENTS--BUSINESS STATISTICS**

**(24 Credits)**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-requisite / Co-req. *</b>
STAT 3812	Business Statistics II	<b>3</b>	STAT1811
STAT 3821	Mathematical Statistics for Business	<b>3</b>	STAT3812*
STAT 3831	Regression Analysis for Business	<b>3</b>	STAT3812
STAT 3832	Time Series Forecasting for Business	<b>3</b>	STAT3812
STAT 3841	Design & Analysis of Experiments	<b>3</b>	STAT3812
STAT 4834	Data Mining with Statistical Methods	<b>3</b>	STAT3831*
STAT 4842	Survey Design & Sampling	<b>3</b>	STAT1811
STAT4861 or STAT4879	Senior Project in Business Statistics or Summer Internship in Business Statistics	<b>3</b>	Consent of the Department
<b>Total</b>		<b>24</b>	

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**LIST G: MAJOR ELLECTIVES--BUSINESS STATISTICS**

**(9 Credits)**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-requisite / Co-req. *</b>
STAT 3822	Stochastic Models for Business Decisions	<b>3</b>	POMG3711 or STAT3813 or STAT3812
STAT 3872	Statistical Quality Control	<b>3</b>	STAT3812
STAT 3824	Social & Economic Statistics	<b>3</b>	STAT1811
STAT 3833	Computer Software for Business Statistics	<b>3</b>	STAT3812
STAT 3851	Nonparametric Statistics	<b>3</b>	STAT3812
STAT 3852	Qualitative Models for Business	<b>3</b>	STAT3851
STAT 4824	Multivariate Methods	<b>3</b>	STAT3831
STAT 4833	Special Topics in Probability & Statistics	<b>3</b>	Consent of the Department
STAT 4843	Actuarial Statistics	<b>3</b>	STAT3821
POMG 3711	Introduction to Management Science	<b>3</b>	POMG2712
POMG 3724	Simulation	<b>3</b>	POMG3711
POMG 4730	Project Planning and Control	<b>3</b>	POMG3711

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**LIST J: MINOR REQUIREMENTS--BUSINESS STATISTICS (9 Credits)**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-requisite / Co-req. *</b>
STAT 3812	Business Statistics II	<b>3</b>	STAT1811
STAT 3831	Regression Analysis for Business	<b>3</b>	STAT3812
STAT 3841	Design & Analysis of Experiments	<b>3</b>	STAT3812
<b>Total</b>		<b>9</b>	

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**LIST K: MINOR ELLECTIVES--BUSINESS STATISTICS (9 Credits)**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-requisite / Co-req. *</b>
STAT 3821	Mathematical Statistics for Business	<b>3</b>	STAT3812*
STAT 3822	Stochastic Models for Business Decisions	<b>3</b>	POMG3711 or STAT3813 or STAT3812
STAT 3823	Statistical Quality Control	<b>3</b>	STAT3812
STAT 3824	Social & Economic Statistics	<b>3</b>	STAT1811
STAT 3832	Time Series Forecasting for Business	<b>3</b>	STAT3812
STAT 3833	Computer Software for Business Statistics	<b>3</b>	STAT3812
STAT 3851	Nonparametric Statistics	<b>3</b>	STAT3812
STAT 3852	Qualitative Models for Business	<b>3</b>	STAT3851
STAT 4834	Data Mining with Statistical Methods	<b>3</b>	STAT3831
STAT 4842	Survey Design & Sampling	<b>3</b>	STAT1811
STAT 4843	Actuarial Statistics	<b>3</b>	STAT3821
POMG 3724	Simulation	<b>3</b>	POMG3711