

Applied Statistics - Quantitative Business Modeling

Major Requirements

Lower Division Requirements	Pre-Req	Units	Note
CIS268 Computer Programming Languages	-	3	Spring only
MAT245 Analytical Geometry & Calculus I	MAT135 or 145	4	
MAT255 Analytical Geometry & Calculus II	MAT245	4	
STA144 Introduction to Statistics	-	3	
STA205 Applied Linear Regression	STA144	3	Spring only (even years)
STA210 Statistical Computing I	CIS268 & STA144	3	Fall only (odd years)

Upper Division Requirements	Pre-Req	Units	Note
MAT303 Linear Algebra w/ App to Diff Equations	MAT245	3	Fall only
MAT353 Probability & Statistics	MAT245	3	Fall only
STA303 Research & Experimental Design	STA144	3	Fall only (odd years)
STA310 Mathematical Statistics I	=	3	Fall only (even years)
STA499 Capstone	Dept. Chair consent	3	Spring only

Concentration Requirements	Pre-Req	Units	Note
ACC250 Principles of Accounting I	-	3	Fall only
ACC251 Principles of Accounting II	ACC250	3	Spring only
BUS217 Microeconomics	1	3	
BUS218 Macroeconomics	-	3	
BUS237 Management Based on Biblical Principles	-	3	
BUS334 International Business	-	3	
BUS358 Business Law	-	3	
BUS463 Business & Organizational Management	-	3	
MKT333 Principles of Marketing	-	3	

Total Major Units:	62
Upper Division Major Units:	27

General Education Requirements

Competency Requirements	Units	Note
English Competency	3	ENG113 required
Math Competency	3	STA499* will fulfill
Technology	3	CIS268 will fulfill. CIS270* also recommended
Foreign Language I	3	
Foreign Language II	3	

If you are exempt from a Competency Requirement, add those units to Additional Elective Units Needed.

Core Curriculum	Units	Note
Behavioral Science	6	
English Composition	3	ENG123 required
English or Film	3	
Communication Arts	3	
Art or Music	3	
Philosophy	3	
US History	3	
Non-US History	3	
Political Science	3	
Lab Science	4	
Science or Kinesiology	4	
Christian Studies	9	

^{*}Course is interdisciplinary

Upper Division Requirements	12	
Multicultural Requirements	9	ENG123 will fulfill 3 units
Interdisciplinary Requirements	9	STA499 will fulfill 3 units

Total Required GE units:	56
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r Division Required GE Units:	12

Additional Elective Units Needed:	6
nner Division Elective Units Needed	0

About This Plan

- This plan is not a contract. Curriculum can be subject to change.
- · Highlighted courses and fields are major specific.
- Descriptions for all courses can be found in the CBU catalog at insidecbu.calbaptist.edu.
- To graduate, all students need 124 total units, 39 of which must be upper division.
- Courses numbered in the 300's and 400's are upper division.
- GST100, ENG103, and MAT095 count as elective units.

Contact Information

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Cbu Applied Statistics - Quantitative Business Modeling

Fall Semester		Freshman Year Spring Semester	Summer Semester	Fall Semester		Sophomore Year Spring Semester		Summer Semester
MAT245 Analytical Geometry & Calculus I	4	BUS218 Macroeconomics 3		ACC250 Principles of Accounting I	3	ACC251 Principles of Accounting II	3	
STA144 Introduction to Statistics	3	MAT255 Analytical Geometry & Calculus II 4		MAT303 Linear Algebra w/ App to Diff Equations	3	BUS217 Microeconomics	3	
ENG113 Composition	3	STA205 or CIS268 (depending on year)		MAT353 or STA303 (depending on year)	3	CIS268 or STA205 (depending on year)	3	
GST100 Focus	1	ENG123 Intermediate Composition 3		General Education Course	3	Upper Division General Education Course	3	
General Education Course	3	General Education Course 3			3	Lab Science General Education Course	4	
				Kinesiology General Education Course	1			
					1			
					-			
Total Units:	14	Total Units: 16	Total Units:	Total Units:	16	Total Units:	16	Total Units:
2	1	Junior Year				Senior Year		
Fall Semester	/	Junior Year Spring Semester	Summer Semester	Fall Semester		Senior Year Spring Semester		Summer Semester
Fall Semester MKT333 Principles of Marketing	3		Summer Semester		3		3	Summer Semester
MKT333 Principles of	3	Spring Semester BUS237 Management 3	Summer Semester	BUS358 Business Law	3	Spring Semester BUS463 Business &	3	Summer Semester
MKT333 Principles of Marketing STA210 or STA310		Spring Semester BUS237 Management Based on Biblical Principles BUS334 International	Summer Semester	BUS358 Business Law STA310 or STA210 (depending on year)		Spring Semester BUS463 Business & Organizational Management		Summer Semester
MKT333 Principles of Marketing STA210 or STA310 (depending on year) STA303 or MAT353	3	Spring Semester BUS237 Management Based on Biblical Principles BUS334 International Business Upper Division General 3	Summer Semester	BUS358 Business Law STA310 or STA210 (depending on year) Upper Division General Education Course	3	Spring Semester BUS463 Business & Organizational Management STA499 Capstone Upper Division General	3	Summer Semester
MKT333 Principles of Marketing STA210 or STA310 (depending on year) STA303 or MAT353 (depending on year)	3	Spring Semester BUS237 Management Based on Biblical Principles BUS334 International Business Upper Division General Education Course 3	Summer Semester	BUS358 Business Law STA310 or STA210 (depending on year) Upper Division General Education Course General Education Course	3	Spring Semester BUS463 Business & Organizational Management STA499 Capstone Upper Division General Education Course	3	Summer Semester
MKT333 Principles of Marketing STA210 or STA310 (depending on year) STA303 or MAT353 (depending on year) General Education Course	3 3	Spring Semester BUS237 Management Based on Biblical Principles BUS334 International Business Upper Division General Education Course General Education Course 3	Summer Semester	BUS358 Business Law STA310 or STA210 (depending on year) Upper Division General Education Course General Education Course	3 3	Spring Semester BUS463 Business & Organizational Management STA499 Capstone Upper Division General Education Course General Education Course	3 3	Summer Semester
MKT333 Principles of Marketing STA210 or STA310 (depending on year) STA303 or MAT353 (depending on year) General Education Course	3 3	Spring Semester BUS237 Management Based on Biblical Principles BUS334 International Business Upper Division General Education Course General Education Course 3 General Education Course 3	Summer Semester	BUS358 Business Law STA310 or STA210 (depending on year) Upper Division General Education Course General Education Course General Education Course	3 3	Spring Semester BUS463 Business & Organizational Management STA499 Capstone Upper Division General Education Course General Education Course	3 3	Summer Semester
MKT333 Principles of Marketing STA210 or STA310 (depending on year) STA303 or MAT353 (depending on year) General Education Course	3 3	Spring Semester BUS237 Management Based on Biblical Principles BUS334 International Business Upper Division General Education Course General Education Course 3 General Education Course 3	Summer Semester	BUS358 Business Law STA310 or STA210 (depending on year) Upper Division General Education Course General Education Course General Education Course	3 3	Spring Semester BUS463 Business & Organizational Management STA499 Capstone Upper Division General Education Course General Education Course	3 3	Summer Semester
MKT333 Principles of Marketing STA210 or STA310 (depending on year) STA303 or MAT353 (depending on year) General Education Course	3 3	Spring Semester BUS237 Management Based on Biblical Principles BUS334 International Business Upper Division General Education Course General Education Course 3 General Education Course 3	Summer Semester	BUS358 Business Law STA310 or STA210 (depending on year) Upper Division General Education Course General Education Course General Education Course	3 3	Spring Semester BUS463 Business & Organizational Management STA499 Capstone Upper Division General Education Course General Education Course	3 3	Summer Semester

Total Units: 124 (124 units required to graduate)