

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 (even years)
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	
Interdisciplinary Requirements	9	STA499 will fulfill 3 units
Multicultural Requirements	9	ENG123 will fulfill 3 units

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

Additional Elective Units Needed:	6
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Upper 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 www.calbaptist.edu/about/universitycatalogs.aspx.
- 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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Fall Semester	Freshman Y Spring Seme		Summer Semester	Fall Semester		Sophomore Year Spring Semester	•	Summer Semester
MAT245 Analytical	CIS268 Computer		Summer Semester	ACC250 Principles of		ACC251 Principles of		Summer Semester
Geometry & Calculus I	Programming Language	es 3		Accounting I	3	Accounting II	3	
STA144 Introduction to	MAT255 Analytical	4		MAT303 or STA210	3	BUS218 or STA205	3	
Statistics	Geometry & Calculus I			(depending on year)		(depending on year)		
ENG113 Composition 3	(depending on year)	3		MAT353 or STA303 (depending on year)	3	BUS237 Management Based on Biblical Principles	3	
GST100 Focus 1	ENG123 Intermediate Composition	3		General Education Course	3	Upper Division General Education Course	3	
General Education Course 3	General Education Cou	rse 3		General Education Course	3	Lab Science General Education Course	4	
				Kinesiology General Education Course	1		Ц	
Total Units: 14	1 Total U	Jnits: 16	Total Units:	Total Units:	16	Total Units:	16	Total Units:
2	Junior Ye					Senior Year		
Fall Semester	Spring Seme	ster	Summer Semester	Fall Semester	_	Spring Semester		Summer Semester
STA210 or MAT303 (depending on year)		nics 3		STA310 or MKT333 (depending on year)	3	STA499 Capstone	3	
STA303 or MAT353 (depending on year)	BUS334 International Business	3		BUS358 Business Law	3	BUS463 Business & Organizational Management	3	
MKT333 or STA310 (depending on year)	Upper Division Genera Education Course	3		Upper Division General Education Course	3	Upper Division General Education Course	3	
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General Education Course 3	General Education Cou	rse 3		General Education Course	3	General Education Course	3	
General Education Course 3 General Education Course 3	┪├───			General Education Course General Education Course	3	Elective	3	
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Total Units: 124 (124 units required to graduate)