

# **Applied Statistics - Global Development**

#### 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
BUS218 Macroeconomics	1	3	
CST425 Christian Social Ethics		3	As offered
ICS105 Introduction to Global Studies	1	3	
ICS375 Current Events & Movements	-	3	
ICS405 Market Strategies for Global Advancement	-	3	Fall only
POL454 International Organizations	-	3	Spring only (even years)

Total Major Units: 53

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
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	POL454 will fulfill
Lab Science	4	
Science or Kinesiology	4	
Christian Studies	9	CST425*, ICS375 & ICS405* will fulfill

\*Course is interdisciplinary

<b>Upper Division Requirements</b>	12	CST425, ICS375, ICS405 & POL454 will fulfill
<b>Interdisciplinary Requirements</b>	9	CST425, ICS405 & STA499 will fulfill
Multicultural Requirements	9	ENG123, ICS375 & ICS405 will fulfill

Total Required GE units: 44

Upper Division Required GE Units: 0

Additional Elective Units Needed: 27

Upper Division Elective Units Needed: \_\_\_\_\_12 (POL415 is recommended)

## 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**

Department of Natural & Mathematical S	cioncos
(951) 343 - 4380	James 454
Dr. Lisa Hernandez, Chair	lihernandez@calbaptist.edu
Debbie Spala, Department Secretary	dspala@calbaptist.edu
Dr. Linn Carothers, Faculty Advisor	lcarothers@calbaptist.edu
Office of Academic Advising	Yeager B150
(951) 343 - 4567	advising@calbaptist.edu

# Cbu Applied Statistics - Global Development

		Freshman Year	•				Sophomore Year	r	
Fall Semester		Spring Semester		Summer Semester	Fall Semester		Spring Semester		Summer Semester
MAT245 Analytical	4	CIS268 Computer	3	1 1	MAT303 or STA210	3	ICS105 or STA205	3	
Geometry & Calculus I STA144 Introduction to		Programming Languages  MAT255 Analytical			(depending on year) MAT353 or STA303		(depending on year)  CST425 Christian Social		
Statistics Statistics	3	Geometry & Calculus II	4		(depending on year)	3	Ethics	3	
	2	STA205 or ICS105	3			2		2	
ENG113 Composition	3	(depending on year)	3		General Education Course	3	General Education Course	3	
GST100 Focus	1	ENG123 Intermediate Composition	3		General Education Course	3	General Education Course	3	
General Education Course	3	General Education Course	3		General Education Course	3	Lab Science General Education Course	4	
					Kinesiology General Education Course	1			
						Ŋ,			
Total Units:	14	Total Units:	16	Total Units:	Total Units:	16	Total Units:	16	Total Units:
	Α.								
2	1	Junior Year	1				Senior Year		
Fall Semester	-	Junior Year Spring Semester	7	Summer Semester	Fall Semester		Senior Year Spring Semester		Summer Semester
STA210 or MAT303 (depending on year)	3	Spring Semester BUS218 Macroeconomics	3	Summer Semester	Fall Semester STA310 or ICS405 (depending on year)	3	Spring Semester STA499 Capstone	3	Summer Semester
STA210 or MAT303 (depending on year) STA303 or MAT353 (depending on year)	3	Spring Semester	3	Summer Semester	STA310 or ICS405	3	Spring Semester	3	Summer Semester
STA210 or MAT303 (depending on year) STA303 or MAT353		Spring Semester BUS218 Macroeconomics POL454 or ICS375		Summer Semester	STA310 or ICS405 (depending on year)		Spring Semester STA499 Capstone ICS375 or POL454		Summer Semester
STA210 or MAT303 (depending on year) STA303 or MAT353 (depending on year) ICS405 or STA310	3	Spring Semester BUS218 Macroeconomics POL454 or ICS375 (depdning on year)	3	Summer Semester	STA310 or ICS405 (depending on year)  General Education Course	3	Spring Semester STA499 Capstone ICS375 or POL454 (depdning on year)	3	Summer Semester
STA210 or MAT303 (depending on year) STA303 or MAT353 (depending on year) ICS405 or STA310 (depending on year)	3	Spring Semester  BUS218 Macroeconomics  POL454 or ICS375 (depdning on year)  General Education Course	3	Summer Semester	STA310 or ICS405 (depending on year)  General Education Course  General Education Course	3	Spring Semester STA499 Capstone ICS375 or POL454 (depdning on year) Upper Division Elective	3	Summer Semester
STA210 or MAT303 (depending on year) STA303 or MAT353 (depending on year) ICS405 or STA310 (depending on year) General Education Course	3 3	Spring Semester  BUS218 Macroeconomics  POL454 or ICS375 (depdning on year)  General Education Course  Upper Division Elective	3 3	Summer Semester	STA310 or ICS405 (depending on year)  General Education Course  General Education Course  Upper Division Elective	3 3	Spring Semester STA499 Capstone ICS375 or POL454 (depdning on year) Upper Division Elective Elective	3 3	Summer Semester
STA210 or MAT303 (depending on year) STA303 or MAT353 (depending on year) ICS405 or STA310 (depending on year) General Education Course	3 3	Spring Semester  BUS218 Macroeconomics  POL454 or ICS375 (depdning on year)  General Education Course  Upper Division Elective  Elective	3 3	Summer Semester	STA310 or ICS405 (depending on year)  General Education Course  General Education Course  Upper Division Elective  Upper Division Elective	3 3	Spring Semester STA499 Capstone ICS375 or POL454 (depdning on year) Upper Division Elective Elective	3 3	Summer Semester
STA210 or MAT303 (depending on year) STA303 or MAT353 (depending on year) ICS405 or STA310 (depending on year) General Education Course	3 3	Spring Semester  BUS218 Macroeconomics  POL454 or ICS375 (depdning on year)  General Education Course  Upper Division Elective  Elective	3 3	Summer Semester	STA310 or ICS405 (depending on year)  General Education Course  General Education Course  Upper Division Elective  Upper Division Elective	3 3	Spring Semester STA499 Capstone ICS375 or POL454 (depdning on year) Upper Division Elective Elective	3 3	Summer Semester
STA210 or MAT303 (depending on year) STA303 or MAT353 (depending on year) ICS405 or STA310 (depending on year) General Education Course	3 3	Spring Semester  BUS218 Macroeconomics  POL454 or ICS375 (depdning on year)  General Education Course  Upper Division Elective  Elective	3 3	Summer Semester	STA310 or ICS405 (depending on year)  General Education Course  General Education Course  Upper Division Elective  Upper Division Elective	3 3	Spring Semester STA499 Capstone ICS375 or POL454 (depdning on year) Upper Division Elective Elective	3 3	Summer Semester

Total Units: 124 (124 units required to graduate)