Major Requirements

Lower Division Requirements	Pre-Req	Units	Note
MAT101 Orientation to the Discipline	-	1	Spring only
MAT125 Mathematics Concepts & Applications I	MAT115	3	Fall only
MAT127 Mathematics Concepts & Applications II	MAT125	3	Spring only
MAT135 Pre-Calculus	MAT115	3	
MAT245 Analyitcal Geometry & Calculus I	MAT135 or 145	4	
MAT250 Modeling & Applications of Calculus	MAT245	2	Spring only
MAT255 Analytical Geometry & Calculus II	MAT245	4	

Upper Division Requirements	Pre-Req	Units	Note
EDU300 American Public Schools	-	3	Certificate of Clearance required
EDU302 Growth, Development & Learning	-	3	Certificate of Clearance required
EDU341 The Exceptional Child	-	3	Certificate of Clearance required
ETC305 Educational Computing	-	3	
MAT313 Mathematical Proofs & Structures	MAT245	3	
MAT353 Probability & Statistics	MAT245	3	Fall only
MAT363 History of Math & Theory of Numbers	Pre or Co: MAT313	3	Fall only
MAT403 Linear Algebra	MAT313	3	Spring only
MAT463 Fundamental Concepts of Geometry	MAT313	3	Spring only
MAT499 Capstone	-	4	Chair consent needed

Elective Requirements	Pre-Req	Units	Note
Complete a set of two courses from the following:			
MAT343 Multivariable Calculus	MAT255	4	
and MAT443 Advanced Calculus	MAT313	3	Spring only
PHY214 Physics for Scientists I w/Lab	MAT245 & Exam	4	Fall only
and PHY224 Physics for Scientists II w/Lab	PHY214	4	Spring only

Total Major Units: 58

Upper Division Major Units: 38

General Education Requirements

Competency Requirements	Units	Note
English Competency	3	ENG113 required
Math Competency	3	MAT363* will fulfill
Technology	3	ETC305* 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	
Lab Science	4	
Science or Kinesiology	4	
Christian Studies	9	

*Course is interdisciplinary

	Units	Note
Upper Division Requirements	12	
Multicultural Requirements	9	**ENG123 & MAT363 will fulfill 6 units**
Interdisciplinary Requirements	9	**ETC305 & MAT363 will fulfill 6 units**

Total Required GE units: 56

Upper Division Required GE Units: 12

Additional Elective Units Needed: 10

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 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

Freshman Year

Fall Semester		Spring Semester		Summer Semester	
MAT125 Mathematics Concepts & Applications I	3	MAT101 Orientation to the Discipline	1		
ENG113 Composition	3	MAT127 Mathematics Concepts & Applications II	3		
GST100 Focus	1	MAT135 Pre-Calculus	3		
General Education Course	3	ENG123 Intermediate Composition	3		
General Education Course	3	General Education Course	3		
General Education Course	3	General Education Course	3		
Total Units:	16	Total Units:	16	Total Units:	

Sophomore Year

Fall Semester		Spring Semester		Summer Semester	
EDU300 American Public Schols	3	MAT250 Modeling & Applications of Calculus	2		
MAT245 Analyitcal Geometry & Calculus I	4	MAT255 Analytical Geometry & Calculus II	4		
Upper Division General Education Course	3	Upper Division General Education Course	3		
General Education Course	3	General Education Course	3		
General Education Course	3	General Education Course	3		
Total Units:	16	Total Units:	15	Total Units:	

Junior Year

Fall Semester		Spring Semester		Summer Semester	
MAT313 Mathematical Proofs & Structures	3	EDU302 Growth, Development & Learning	3		
MAT343 Multivariable Calculus	4	MAT443 Advanced Calculus	3		
MAT353 Probability & Statistics	3	MAT403 Linear Algebra	3		
Lab Science General Education Course	4	General Education Course	3		
Elective	1	Kinesiology General Education Course	1		
		Elective	3		
Total Units:	15	Total Units:	16	Total Units:	

Senior Year

Fall Semester		Spring Semester		Summer Semester	
EDU341 The Exceptional Child	3	ETC305 Educational Computing	3		
MAT363 History of Math & Theory of Numbers	3	MAT463 Fundamental Concepts of Geometry	3		
Upper Division General Education Course	3	MAT499 Capstone	4		
General Education Course	3	Upper Division General Education Course	3		
Elective	3	Elective	1		
Elective	1				
Total Units:	16	Total Units:	14	Total Units:	

Total Units: 124   **(124 units required to graduate)**