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	Fall only
MAT353 Probability & Statistics	MAT245	3	Fall only (even years)
MAT363 History of Math & Theory of Numbers	Pre or Co: MAT313	3	Fall only (odd years)
MAT403 Linear Algebra	MAT313	3	Spring only (even years)
MAT463 Fundamental Concepts of Geometry	MAT313	3	Spring only (odd years)
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 (odd years)
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: 59

Upper Division Major Units: 31

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	PHY214 will fulfill
Science or Kinesiology	4	PHY224 will fulfill
Christian Studies	9	

*Course is interdisciplinary

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

Total Required GE units: 48

Upper Division Required GE Units: 12

Additional Elective Units Needed: 17

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

Freshman Year

Fall Semester

Course	Units
MAT125 Mathematics Concepts & Applications I	3
ENG113 Composition	3
GST100 Focus	1
General Education Course	3
General Education Course	3
General Education Course	3

Total Units: 16

Spring Semester

Course	Units
MAT101 Orientation to the Discipline	1
MAT127 Mathematics Concepts & Applications II	3
MAT135 Pre-Calculus	3
ENG123 Intermediate Composition	3
General Education Course	3
General Education Course	3

Total Units: 16

Summer Semester

Total Units: ___

Sophomore Year

Fall Semester

Course	Units
EDU300 American Public Schls	3
MAT245 Analyitcal Geometry & Calculus I	4
Upper Division General Education Course	3
General Education Course	3
General Education Course	3

Total Units: 16

Spring Semester

Course	Units
MAT250 Modeling & Applications of Calculus	2
MAT255 Analytical Geometry & Calculus II	4
Upper Division General Education Course	3
General Education Course	3
General Education Course	3

Total Units: 15

Summer Semester

Total Units: ___

Junior Year

Fall Semester

Course	Units
MAT313 Mathematical Proofs & Structures	3
MAT353 or MAT363 (depending on year)	3
PHY214 Physics for Scientists I w/Lab	4
Elective	3
Elective	1
Elective	1

Total Units: 15

Spring Semester

Course	Units
EDU302 Growth, Development & Learning	3
MAT403 or MAT463 (depending on year)	3
PHY224 Physics for Scientists II w/Lab	4
Elective	3
Elective	3

Total Units: 16

Summer Semester

Total Units: ___

Senior Year

Fall Semester

Course	Units
EDU341 The Exceptional Child	3
ETC305 Educational Computing	3
MAT353 or MAT363 (depending on year)	3
Upper Division General Education Course	3
General Education Course	3
Elective	1

Total Units: 16

Spring Semester

Course	Units
MAT403 or MAT463 (depending on year)	3
MAT499 Capstone	4
Upper Division General Education Course	3
Elective	3
Elective	1

Total Units: 14

Summer Semester

Total Units: ___

Total Units: 124 (124 units required to graduate)