

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	
MAT250 Modeling & Applications of Calculus	MAT245	2	Spring only
MAT255 Analytical Geometry & Calculus II	MAT245	4	
PHY214 Physics for Scientists I w/Lab	MAT245 & Exam	4	Fall only
PHY224 Physics for Scientists II w/Lab	PHY214	4	Spring only

Upper Division Requirements	Pre-Req	Units	Note
MAT313 Mathematical Proofs & Structures	MAT245	3	Fall only
MAT323 Modern Algebra	MAT313	4	Spring only (even years)
MAT343 Multivariable Calculus	MAT255	4	
MAT403 Linear Algebra	MAT313	3	Spring only (even years)
MAT413 Differential Equations	MAT255	3	Spring only
MAT443 Advanced Calculus	MAT313	3	Spring only (odd years)

Concentration Requirements	Pre-Req	Units	Note
MAT333 Complex Variables	MAT313	3	Spring only (even years)
MAT423 Introduction to Topology	MAT313	3	Fall only (even years)
MAT453 Numerical Analysis	MAT255	3	Fall only (odd years)
One additional upper division mathematics course	Classes vary	3	See catalog

Total Major Units: 53

Upper Division Major Units: 32

General Education Requirements

Competency Requirements	Units	Note
English Competency	3	ENG113 required
Math Competency	3	MAT313* 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	
Lab Science	4	PHY214 will fulfill
Science or Kinesiology	4	PHY224 will fulfill
Christian Studies	9	

*Course is interdisciplinary

Upper Division Requirements	12	
Interdisciplinary Requirements	9	MAT313 will fulfill 3 units
Multicultural Requirements	9	ENG123 will fulfill 3 units

Total Required GE units: 48

Upper Division Required GE Units: 12

Additional Elective Units Needed: 23

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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